A standard list of books of special excellence or of particular value to the student of geography is provided. The primary purpose of this annotated bibliography is to offer guidance to librarians in achieving reasonably adequate coverage of the geographic literature in undergraduate colleges in the United States, as well as to aid instructors and researchers in the geography field. The list is limited to books and serials. Contents of the volume have been arranged into four principal sections: (1) general works and aids, (2) geographical methods, (3) thematic geography, and (4) regional geography. Within each major section, specific topics are further categorized. Listings are alphabetical by author within the individual categories, including publishers, date, page numbers, price and the library of Congress numbers. (Author/JR)
ASSOCIATION OF AMERICAN GEOGRAPHERS
Commission on College Geography Publications

No. 1—Geography in Undergraduate Liberal Education, 1965
No. 2—A Basic Geographical Library—A Selected and Annotated Book List for American Colleges, 1966

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ERIC
A BASIC GEOGRAPHICAL LIBRARY
A SELECTED AND ANNOTATED BOOK LIST
FOR AMERICAN COLLEGES

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INTRODUCTION

"A Basic Geographical Library" attempts to provide a standard list of moderate length of the literature on all aspects of a highly diverse subject. These are the books that, according to the best available opinion, are of special excellence or of particular value to the student of geography. As the subtitle indicates, the primary purpose of this endeavor is to offer guidance to librarians in achieving reasonably adequate coverage of the geographic literature in undergraduate colleges in the United States—and in public and special libraries as well. We have tried to offer a selection of works that will reveal to the American college student as effectively as possible the variety, range, richness, and deep fascination of what is both the oldest and youngest of sciences. It is also hoped that this volume—the first such collection of geographic titles—will prove useful to scholars at all levels of attainment, outside as well as within the field of geography, for both instructional and research purposes.

This work was first suggested by the editors at the December, 1963 meeting of the Association of American Geographers' Commission on College Geography (then called the Committee on Geography in Liberal Education), and the idea was accepted by the group as one of the ways in which the geographic profession might contribute significantly to the cause of American liberal education. Subsequently, the editors collected the names of various colleagues generally recognized as having special competence in one or more branches of the field, and these persons were then solicited for suggestions as to what should be listed—and excluded—in their specified areas. All told, more than 400 geographers, including an important minority outside North America, were approached. Their generous cooperation has made this publication possible. The editors regret that our pledge of anonymity, without which a full, frank evaluation of the literature would have been awkward, makes it impossible to acknowledge each of our collaborators. As the editing of the volume proceeded, preliminary sections were circulated among a limited number of critics for further evaluation and refinement. During the final stages of work, the entire manuscript was examined critically by John K. Wright and Chauncey D. Harris, veritably the two deans of American geographic bibliography. The editors hasten to note, however, that the final responsibility for the format of this work and for its contents—and the blame for defects that come to light after publication—is theirs rather than that of any of their collaborators, named or unnamed. It is a pleasant duty to report that this has been a truly cooperative venture for all three editors, with the fullest possible sharing of duties and responsibilities.

It is important for the user of this volume to understand precisely what sorts of materials are included or excluded, and also how they have been arranged and cited. We have limited our choices to books and serials, i.e. discrete, bound publications issued in more or less normal fashion. Thereby excluded are all articles, individual chapters, reprints, fugitive materials, and the like; no matter how meritorious. Similarly, although atlases are considered to be books and are listed here, individual wallmaps and sheet maps are omitted. Only those items that had been published—at least in part—and were available for inspection by July, 1965 were considered. No forthcoming volume, however tantalizing, has been included.

Since the primary audience for this list is the undergraduate student population, narrowly specialized and highly advanced works have been excluded. And since this audience is non-American, preference has been given to English-language publications and to English translations of foreign-language works. However, it was deemed proper to include important books in other standard scientific languages—French, German, Russian, Spanish, and Italian—where equivalent works in English are not available. A number of basic and indispensable references likely to appear in almost all libraries have been omitted. Specifically, this category includes such items as encyclopedias, dictionaries, almanacs, and a great variety of governmental publications. We should like to emphasize, however, one particular set of works of great value to the geographer that had to be eliminated in order to conserve space, namely, national statistical yearbooks and handbooks. A citation for a complete listing of these is given in Item #79.
The great majority of books cited in this list can be described as "technical," in the extended sense of that term. Initially, the editors planned to include a judicious selection of travel books and regional novels, but because of the large element of subjective judgment involved in choosing such items, this idea was abandoned with regret. Only those very few travel accounts that are universally accepted as important contributions to geographic knowledge have been included, and a single novel that should produce little dissent—George R. Stewart's "Storm."

In general, we have tended to select recent works—those still available from publishers or recently out of print (We have not tried to state what is or is not out-of-print, since such information becomes obsolescent so quickly.) Despite this general policy, a number of older "classics" have been cited, including some that are difficult to find on the used-book market. This has been done in the hope that their reissue might be stimulated thereby and also with the knowledge that modern techniques of duplicating printed materials make it feasible for libraries to procure facsimiles.

The selected books are chiefly those which have been written by or for geographers. Perhaps the most difficult set of editorial decisions had to do with items considered peripheral to the field of geography. Aside from individual works of outstanding merit, the general policy has been to be rather conservative in those sectors enjoying a rich geographic literature and to be relatively liberal where strictly geographic publications are meager in number. This explains, for example, the dominance of non-geographic works in sections entitled "Soils" and "Photogrammetry and Air Photo Interpretation."

A principle of a sliding scale of acceptability has been invoked in trying to approach a quantitative balance among various subject areas. Where the geographical literature is strongly developed, as, for example, in works on the European and Anglo-American areas, we have been compelled to eliminate some titles of considerable merit to avoid overcrowding, by contrast, in the extreme case of Central Africa not a single acceptable work was discovered.

It is hoped that the reader who is dismayed by the relative poverty of certain sections of this list will realize that it is more the fault of the literature than that of the editors. If this volume can ultimately contribute, however indirectly, toward eliminating these "weak spots" in the literature, the labor that went into its compilation will have been well spent. In closing this discussion of eligibility of publications, it might be well to re-emphasize the fact that these are suggestions for a library reference collection and that this volume is not intended as a survey of suitable texts or other materials for classroom use. Those texts that are included are considered to have significant reference value; no judgment is intended concerning the pedagogical value of textbooks that are not cited herein.

The contents of this volume have been arranged into four principal sections: I, General Works and Aids; II, Geographical Methods; III, Thematic Geography; and IV, Regional Geography. Within each major section, specific topics or regions are recognized, and within each of these, in turn, books are arranged alphabetically by author under the following categories, insofar as it is appropriate to do so: Bibliographies; Serials; Atlases, General Works, Works on Special Subjects, and Regional Works. Some books that could be classified logically under two or more topics are crosslisted to their main entries.

For all citations, except those for serials, the following kinds of information are given, insofar as they are obtainable or applicable:

1. Identifying number
2. Author(s), editor(s), or compiler(s)
3. Title and subtitle
4. Translator and indication of original language
5. Series
6. Edition, when a second or later edition is cited
7. Place of publication
8. Publisher
9. Date of publication
10. Number of pages
Number of volumes, if more than one
Price of im print
Library of Congress or other catalog number
Other important publication details
Citation of reissue or paperback edition
Brief descriptive annotation

In the case of serials, the following information is given: title, issuing agency, initial date of publication, frequency of publication, address of publisher, and brief descriptive annotation.

In addition to thanking Frankie D. Harris, John K. Wright, and our many anonymous contributors, we should also like to acknowledge with gratitude the able and diligent assistance rendered in a number of clerical and editorial efforts by Mrs. Judith Kiusalaas, Mrs. Beth Tuck, and Miss Marcia Merry, all of the State College, Pennsylvania community, and the many kindnesses extended by the staff of the American Geographical Society of New York.

We shall welcome corrections of errors by users of this volume, and we shall also look forward to receiving any comments or suggestions they may care to offer.

Martha Church
Robert L. Hoke
Wilbur Zeimsky
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### INDEX OF AUTHORS, EDITORS, AND TRANSLATORS

Note: The editors offer their apologies for the several gaps that appear in the numbering of entries. They result from editorial changes made at a time when it would have been quite difficult and expensive to renumber the entire sequence and revise the cross-listings.
PART I: GENERAL WORKS AND AIDS

1. GEOGRAPHICAL BIBLIOGRAPHIES


A comprehensive listing, by subject or region, of recent books and periodical articles with occasional descriptive annotations. Yearly indices.


Photocopies of the cards in the AGS Research Catalogue 1923 through 1961 of the cards are arranged primarily by means of a detailed regional system, then a particular area, cards are further classified by topic. An invaluable research tool.


**Also Supplements, 1961, 1963. $1.00.**

Although this work is not specifically geographic in coverage, concentrating instead on history, the humanities, and social sciences in general, it is a most useful guide to collateral readings for geographers on the specified areas. Brief descriptive and critical annotations.


This is 'most convenient, comprehensive, and in many respects the best of all current geographic bibliographies' normally appears annually, with the collaboration of an international group of contributors. It lists books, periodical articles, and maps that were published during the specified year. Brief signed comments are usually appended to each entry. The book is divided into various regional and topical sections, with the former dominating.


This most venerable of the major bibliographic series in geography was published by the Gotha firm of Justus Perthes until World War II, and then was revived by the current publisher in 1947. Each volume contains a series of comprehensive essays on the status and progress of study in selected fields in geography, with abundant annotated references to the literature of the preceding several years. This uniquely useful aid is analyzed (through 1940) in Wright and Platt, "Aids to Geographical Research" pp. 52-57, (See #8).


Classifies by region or systematic branch all articles in 20 of the principal geographical periodicals and selected items from about 150 other geographical periodicals, and all new books, atlases, and current maps received by the Royal Geographical Society.


"An annotated list of important materials and reference sources recommended especially for the advanced student in geography." Concise and useful.
2. SERIALS

Bibliography.

9. HARRIS, CHAUNCY D. Annotated World List of Selected Current Geographical Serials in English. 2nd ed. rev. (University of Chicago, Department of Geography, Research Paper No. 96) Chicago: 1964. 32 pp. $1.00 LC 64-8750.

The 118 items included in this pamphlet have been selected from a much larger group of about 250 current geographical serials wholly or partly in English. The titles cited are considered to be particularly suitable for acquisition by college and university libraries. Publication details and analyses of areal and topical coverage.


A definitive list, citing 1,637 current and discontinued serials that are classed as geographical, arranged by country of publication. Useful publication and bibliographical details.

Selected Serials:

Note: Only periodicals that endeavor to cover the entire field of geography are listed in this section. For periodicals of a more specialized nature, consult the sections on the region or topic in question.

11. ANNALES DE GÉOGRAPHIE. 1-(1891-). 6 nos. a year. Librairie Armand Colin, 103 Boulevard St.-Michael, Paris 5e, France.

Generally considered the most important of the French journals. In French only. Articles, reviews, professional notes.


"Important long, short scholarly articles by professional geographers. Major statements by American geographers on methodological or philosophical topics. Abstracts of papers at annual meetings of the Association. Texts of presidential addresses. Review articles on related groups of recent publications. Map supplements." (Harris)


The items in this irregular series range in size from the book-length monograph downward to fairly brief articles. Many titles in the Latin American field and various aspects of physical geography. Some individual publications are cited under the appropriate heading in this list.

14. CANADIAN GÉOGRAPHIE. GÉOGRAPHIE CANADIEN (Canadian Association of Geographers). 1-(1951-). Quarterly. Secretary, Canadian Association of Geographers, Morrice Hall, McGill University, Montreal 2, P.Q., Canada.

"The leading scholarly and professional periodical of Canada...Devoted particularly but not exclusively to Canadian geography. Articles, notes, and reviews...English articles have French summaries and vice versa." (Harris)

15. UNIVERSITY OF CHICAGO, DEPARTMENT OF GEOGRAPHY, RESEARCH PAPERS. 1-(1948-). Irregular. Chicago. University of Chicago, Department of Geography (Chicago, Illinois 60637)
Approximately 100 titles have been issued in this series to date. In addition to doctoral dissertations produced by students of the Department, various substantive and bibliographic works by staff members and geographers at other institutions are included. A broad range of areas and topics are covered. Some individual titles are cited under the appropriate heading in this list.

10. ECONOMIC GEOGRAPHY (Clark University) 1-(1925- ) quarterly. The Editor, Clark University, 950 Main Street, Worcester, Mass. 01610.

The leading English-language journal devoted primarily to economic geography. In recent years, urban geography, methodology, and miscellaneous aspects of human geography have also been included. Original reports of research. Book reviews


A single brief (6-page) up-to-date, authoritative article, with attractive maps and brief bibliography, comprises the entirety of each issue. These essays, generally on a nation or region, but occasionally on some topic or problem of general interest, are intended for the general public.


"A leading international geographical journal. Particularly valuable in the fields of geomorphology, glaciology, climatology, and historical geography of Scandinavia. One number each year is devoted to human geography." (Harris). Most of the articles are in English, but some also appear in German and French.


"Carefully edited original articles by leading geographers and other scholars of many countries. Extensive and comprehensive signed notes and critical reviews. Society news and notes." (Harris).


"Papers by academic geographers presented at annual meetings of the Institute of British Geographers and other scholarly papers. Presidential addresses of the Institute. Occasional research monograph as a separate number." (Harris)

"Devoted particularly to geography in education but contains also substantive geographical articles. Brief book reviews. Official notes of the Council." (Harris)

26 LANDCAPT. (John B. Jackson, Ed.) 1-(1951-) 3 nos. a year. Box 2149, Santa Fe, New Mexico.

A handsomely illustrated journal that ranges freely— and often philosophically— over many aspects of cultural geography, human ecology, planning, conservation, urban geography, and architecture. Brief articles, comments, and book reviews.

27 NORTHWESTERN UNIVERSITY STUDIES IN GEOGRAPHY. (Northwestern University, Department of Geography) 1-(1952-) Irregular. Evanston, Ill. Department of Geography, Northwestern University.

Research monographs and symposia, largely by staff members and students of the Department.

28 PETERMANNS GEGNAPHISCHL. MITTEL ANT (Geographische Gesellschaft der Deutschen Demokratischen Republik) 1-(1955-) Quarterly. Petermanns Geographische Mitteilungen, Justus-Ferthe-Strasse 3-9, Gotha, German Democratic Republic.

"In German. English and Russian summaries precede each article. One of the oldest and most-respected international scholarly geographical periodicals. Long and short articles. News. Reviews. Statistics. Soviet Geography. Many issues include a pocket with separate plates and maps, often folded and in color." (Harris)


"Contains short articles, professional notes, official notices and reports of the Association, news of members and centers of geographic work, and short book reviews." (Harris)


Both the "Papers" (presented at annual meetings of the Association) and the "Journal" consisting of contributed articles cover the same general subject area, i.e., the broad transitional zone between theoretical economics in its spatial aspect and conventional economic and settlement geography, and also the more abstract, or theoretical, phases of geography. Heavy stress on statistical treatment.


"A leading international journal for economic geography with world-wide coverage and authorship. Book reviews. Bibliography. Regional statistics. Notes from the Literature. The Netherlands in Maps." (Harris) The majority of articles are in English, those in Dutch and other languages have English summaries.

3. ATLASES

Note. The atlases listed here provide general world coverage. Atlases that are limited to particular regions or topics are entered under the appropriate category.


Rather more than one-quarter of this world atlas is devoted to detailed plates of the USSR. Most of the plates in this high-quality production are physical-political. Extensive index.
   Basically a collection of general physical-political plates, but also includes many special-topic maps for the world and major regions. Index. Design, drawing, and reproduction are of excellent quality.

   V 2. Southwest Asia, Russia. 1960.
   The most ambitious of recent world atlases. Editing and cartography are of high order. Each volume has its own index-gazetteer. A total of 220,000 places cited in indices.

   Perhaps the most outstanding of recent German world atlases. Precise execution. Large index.

   Approximately half the plates in this carefully edited, handsomely executed atlas are general physical-political maps in plastic shading. The remainder cover special physical and human topics for the world and major regions. Unusually extensive index.

   A compact, well organized work. 49,000 places cited in index.

   Beautifully rendered physical and economic maps. About half the volume is devoted to the Soviet Union, but the remainder of the work is a well-balanced treatment of the rest of the world.

   Has largest index among our moderately priced atlases. Political subdivisions are more clearly shown than in any other readily available source.

   Collections of general physical-political maps—the former in full color, the workbook in only two colors—in which the rendering of surface features is exceptionally fine.

   A collection of general physical-political plates of major regions in the distinctive style of the Society.

SHEPHERD, WILLIAM R. Historical Atlas. See #214.

   One of the most elaborate, detailed, and cartographically superior of world atlases. Index contains 250,000 names.
44. VISINTIN, LI ed. Grande Atlante Geografico. 5th ed Novara. Instituto Geografico de Agostini, 1959. 323 pp. $45.00. LC map 60-349.

The physical and economic maps. The large number of world maps showing distribution of physical, cultural, and economic features makes this atlas of special interest to the student.


Well-designed plastic relief plates at medium to small scale for the major world regions, and a generous selection of economic and other topical maps. Edited in the United States but drafted in Austria. Weak 41-page index.

4. BIOGRAPHICAL AND PROFESSIONAL DIRECTORIES


Also: 1964 Supplement 70 pp.

The "Handbook" section contains much general information on the history and activities of the Association. The "Directory" is an alphabetical roster of members, and states birthplace, date of birth, education and degrees, chief fields of professional research and interest, occupation, and home address. The 1964 Supplement contains only names and addresses.

FREIMAN, THOMAS W. A Hundred Years of Geography. See #202.


In addition to listing names, titles, addresses, and some biographical data for 4,003 geographers in all parts of the world, this directory also presents a large amount of material on the International Geological Union, professional societies, governmental bureaus operating in the field of geography, and departments and institutions of geography throughout the world.


Geographical societies, university departments of geography, and governmental institutes, or agencies for geography and related fields, by country, with principal personnel for each and with an alphabetical index to the names of the approximately 4,500 individuals listed under the various societies, departments, or agencies.


In addition to listing members of departmental staffs, this annual publication contains much information concerning college curricula in geography and on departmental activities.

5. ENCYCLOPEDIAS AND HANDBOOKS


Detailed regional monographs on selected nations and regions that are still quite useful despite their age and immediate purpose. Thirty-one volumes in 55 parts as follows.

Albania
Algeria (2)
Belgian Congo
Belgium
China Proper (3)
Corsica
Denmark
Dodecanese Islands
France (4)
French Equatorial Africa and Cameroons
French West Africa (2)
Germany (4)
Greece (3)
Iceland
Indochina
Iraq & Persian Gulf
Italy (4)
Jugoslavia (3)
Luxembourg
Morocco (2)
Netherlands
Netherlands East Indies (2)
Norway (2)
Pacific Islands
Palestine & Transjordan
Persia
Spain & Portugal (4)
Syria
Tunisia
Turkey (2)
Western Arabia and the Red Sea

A collection of essays, each with an appended bibliography, on the status and trends of some 26 topics within the field of geography, as studied in the U.S.A.


A lavishly illustrated, handsomely printed, semi-popular regional description of the world.


A major repository of current information on international, national, and academic activities and organizations within the field of geography. Each issue also contains several substantive research or review articles. "Orbis Geographicus 1960 and 1964, 66, World Directory of Geography" were issued as a supplement to the 1960, 61 and 1964, 65 numbers (See 47, 48).


A collection of essays by various specialists that cover most important aspects of the field.


A series of regional monographs covering the entire world written at a high professional level by the most eminent of the French geographers. Profusely illustrated. Selected bibliographic references.

6. GAZETTEERS


The most complete of the gazetteers in English and the most up-to-date major worldwide gazetteer in any language. A basic general reference volume. Also, 1961 Supplement. $15.00. Rand McNally World Guide. Chicago. Rand McNally, 1953. LC 53-13329. (from above, by arrangement).


Listings of the official standard names, as approved by the Board on Geographic Names, for the nations and regions of the world. The names and locations of both physical and cultural features are specified.


A worldwide gazetteer, more compact and less comprehensive than the Columbia Lippincott, but still quite useful. A number of small maps are included.

7. GEOGRAPHICAL DICTIONARIES


In some ways the most generally useful and usable of the dictionaries of geographical terms. Full explanations. Clear diagrams. Appendix of analytical list of entries by fields.

- Inexpensive practical dictionary of about 1,500 terms in physical geography.


- Definitive explanation of many geographical terms, with citations of first use and comparison of definitions by various authorities.


- Some 3,000 terms are defined. Meteorological and geological tables are appended.

8. GENERAL STATISTICAL SOURCES


- V. 1. International Organizations: Europe.
- V. 2. Africa, Americas; Asia, Australasia.


- V. 1. Production. 490 pp. $5.00 LC 59-3599.
- V. 2. Trade. 366 pp. $3.50 LC 59-3598.


- V. 1. Trade and Development $4.00.
- Suppl. The Middle East. $3.00.


- V. 2. Fuels.
- V. 3. Area Reports. Domestic.
- V. 4. Area Reports. Foreign.

MANN, W., LADIMIR and LORRAINE. World Population and Production. Trends and Outlook. See #289.
9. MISCELLANEOUS AIDS TO GEOGRAPHIC STUDY

   V. 1 Current Serials and Periodicals of Washington Agencies.
   V. 2 Releases and other Ephemeral Material.
   V. 3 All Agencies and Field Offices Outside D C.

   V. 2 New World. 1938 591 pp. $8.00.
   V. 3 Great Britain 1949. 742 pp $10.00.

77. INTERNATIONAL GEOGRAPHICAL UNION, SPECIAL COMMITTEE ON CONVERSION TABLES. Geographical Conversion Tables, comp. and ed. by David H. K. Amaran and A. P. Schick Zurich LG U, 1961 315 pp. $5.00. LC 63-25397.


   The six volumes issued to date list the 10,254 atlases received by the Library between 1920 and 1955, and 2,647 atlases of Europe, Asia, Africa, Oceania, the polar regions, and the oceans received between 1920 and 1960. The most extensive bibliography of its kind.


10. OTHER GENERAL WORKS AND READERS

   Although somewhat dated, this "classic" text still merits attention for its erudition, methodological significance, and vivid writing. The basic theme—with many regional illustrations—is the human use of the earth, but in addition to essays on various aspects of land-use, there is also much on settlements and several miscellaneous phases of cultural geography.


   A vigorous, highly individual statement on the theme of cultural determinism in human geography. The varied development and diffusion of human patterns within nine broad classes of physical environment are viewed in cultural and historical perspective, in strong rebuttal of the once popular theory of environmental determinism.


   In these 84 brief articles, chapters, and excerpts, the beginning student is given
stimulating collateral readings in the fields of physical geography, economic geography, population and settlement, and political geography


A systematic approach to the major divisions of geography. Although there is special emphasis on climatology and landforms, the relatively brief (147-page) treatment of population and cultural geography is valuable.


A book of collateral readings designed to serve as a companion volume for standard texts. Twenty-nine micro-studies illustrating economic and land-use patterns in as many varied physical environments.


A systematic treatment of the physical environment and man as a geographic factor, followed by discussions of the human geography within five broad environmental categories.


A major work, summing up the results of several decades of scientific observation and philosophical speculation by one of the founders of modern geography, and, all in all, much of what was then known about the field.


An analysis of the physical geography and of human occupance in each major environmental zone.


A comprehensive treatment of the major subdivisions of physical and human geography.


Although the introductory chapters treat the elements of physical geography, the emphasis throughout most of this text is strongly on the human side of geography. The 25 regional chapters (those on southern and eastern Asia are particularly notable) stress the historical and cultural approach.


Aside from the beginning chapters on the physical environment, this volume is a regional treatment of the world that attempts to integrate diverse aspects of human geography within the themes of spatial interaction and locality. Lavishly illustrated with the author's own drawings.


The inhabited earth considered in terms of seven large "culture worlds" and their various constituent "culture realms."


Although the doctrine of environmental determinism that permeates much of this text is now largely discredited, it still merits attention for its effect upon contemporary and later readers and for its literary quality and for the quality of the thought and scholarship that went into its making.


Regional descriptions and analyses of all inhabited parts of the world, including material on physical, cultural, economic, and historical aspects.
PART II. GEOGRAPHICAL METHODS

1. PHILOSOPHY AND METHODOLOGY

General Works.


A brief survey of the nature of the discipline, the development of geographic thought, and major current research themes and methods. A final chapter by Raymond H. Muessig and Vincent R. Rogers dwells on "Suggested Methods for Teachers."


A concise history of geographic thought which merits careful reading by every geographer.


Brief but authoritative survey of the field. Important for beginning students.

Works on Special Subjects


Penetrating discussion of major problems currently facing the development of the discipline. Contains a section on the history of ideas in geography.


A scholarly study of the scope, content, and method of geography.

BRUNHILS, JEAN. Human Geography. See #82.


Exploratory study of the nature of theory in science, and what form scientific theory assumes when applied to geography.


Prepared by 38 French geographers for the International Geographical Congress at Rio de Janeiro in 1956. The essays included provide a most useful bibliography as well as an examination of a brilliant school of geography.


Important work on the history of geographical thought and an analysis of methodology based mainly on German sources. The bibliography lists some 530 works and is divided into two main parts: (A) History of Geographic Thought Prior to 1900, and (B) Geographic Thought in the Twentieth Century (subdivided by topics and countries).


A shorter, revised statement following up the themes explored in "The Nature of Geography," with more attention to non-German writers.

Important exploration of the special approach to knowledge used by geography.


A report on selected research interests, methods, and opportunities in geography.

107 PLATT, ROBERT S. Field Study in American Geography, the Development of Theory and Method Exemplified by Selections (University of Chicago, Department of Geography, Research Paper No. 61) Chicago: 1959. $4.00 405 pp. LC 60-205.

Quotations from, with commentary on, 32 examples of "studies of special significance as milestones in the development of field geography," dating from the Lewis and Clark Expedition report to 1957.

RATZEL, FRIEDRICH. Anthropogeographie. See #245.


A landmark in the development of American geographical thought. Presented several doctrines later repudiated by his own writing.


The main focus of this bibliography is the point where quantitative methods and cartography meet. The bibliography is arranged alphabetically by the author, and includes nearly one thousand items, mostly in English.


2. CARTOGRAPHY

Bibliographies.


The main focus of this bibliography is the point where quantitative methods and cartography meet. The bibliography is arranged alphabetically by the author, and includes nearly one thousand items, mostly in English.

2. CARTOGRAPHY

Serials.

110 IMAGO MUNDI, A PERIODICAL REVIEW OF EARLY CARTOGRAPHY. 1-(1935-). Irregular. Amsterdam, N Israel (formerly, Leiden. E J. Brill and others).

A scholarly journal, 17 volumes to 1964, containing articles on early maps and atlases as well as on cartographers of the past. Well edited and beautifully printed, in English.


A periodical focusing on problems of design and preparation of maps, charts, and other visual aids.

112. SURVEYING AND MAPPING. 1-(1941-). Quarterly. Congress on Surveying and Mapping, Box 470, Benjamin Franklin Station, Washington 4, D.C.

The purpose of the Journal is to advance the sciences of surveying and mapping, and to contribute to public interest in the use of maps. Aims to cover all phases of mapping, whether military or civilian.
General Works:

This is a systematic treatment of elementary cartography with about half of the book on history, surveying, and projections. A good approach, particularly for students oriented toward official cartography.

A thorough coverage of the topic as listed in the title. Somewhat technical, but of great value to the serious student.

A true classic and the chief source book for many of the mid-twentieth century volumes on cartography. One of the most thorough and carefully done of all the works on cartography.

Excellent small book dealing with map projections, very good illustrations of distortions introduced by various grids.

This volume is divided into four sections dealing with the general principles of map reading, the physical basis for map construction, the interpretation of features of human geography, and the physical and human aspects of regional studies.

A straightforward, well-written introduction to reading and making maps. Excellent for beginners or for the non-professional.

An outstanding work, beautifully illustrated and particularly strong in its discussion of problems of scale and physiographic representation.

120. LOBELL, ARMIN KOHL. Block Diagrams and Other Graphic Methods Used in Geology and Geography. 2nd ed Amherst, Mass. Emerson-Trussell, 1958. 212 pp. LC 58-1245
Divided into five parts. (1) principles of cartography, (2) the use of graphic methods with some geological problems, (3) special methods in block diagramming, (4) the making of line drawings from photography, (5) some hints on crystal drawing.

LOBELL, ARMIN KOHL. Things Maps Don't Tell Us, an Adventure into Map Interpretation. See #383.

Excellent for the more advanced student of geography. It does not include map projections and surveying, but techniques, relief methods and thematic maps are discussed in more detail than in the American texts.

A well illustrated non-technical monograph on map projections and the problems of
"flattening" the world. Actual uses are all related to the National Geographic maps, nevertheless a clear presentation of projections for the non-professional.

More valuable as a reference to map types and descriptive techniques than as a text. Historical cartography is summarized very well in text and charts. Appendix includes notes on care of maps, exercises, and a few tables.

Rather capsule treatment of a large variety of topics ranging from air photo reading, to globes, to cartography Smaller and less useful than his General Cartography.

125 ROBINSON, ARTHUR HOWARD. The Look of Maps, an Examination of Cartographic Design. Madison University of Wisconsin Press, 1952. 105 pp. $2.75. LC 52-4466.
Reviews the basic literature relevant to cartographic design up to 1950 and suggests placing cartographic methodology on analytical and experimental bases.

The outstanding book on cartography in English. Nearly all aspects of the discipline from drafting, compilation, layout, to printing are included. Historical cartography is not included. Forty-seven-page appendix of useful and valuable data for the cartographer-geographer.

A working manual for those concerned with the presentation and interpretation of statistical data in graphic form.

Fifteen chapters cover the characteristics of various projections and problems of construction and design. The book is designed for the teacher and student with only a modest background in mathematics.

Historical Works:

This outstanding general history of the field by a highly respected scholar includes a useful list of leading cartographers since earliest times.

A well written, if somewhat rambling, survey of the history of maps and map-makers, it includes a large bibliography, as well as useful notes.

Brief introduction to the history of cartography, non-technical and largely without illustrations. Standard coverage.

SKELTON, RALPH A. Explorers' Maps, Chapters in the Cartographic Record of Geographical Discovery. See #232.

A classic with coverage as indicated by the title.
3. PHOTOGRAMMETRY AND AIR PHOTO INTERPRETATION

Bibliographies and General References:

Comprehensive, authoritative coverage of photogrammetry, much of it quite technical. Because of rapid advances in the field, the volume is out of date, but a third edition may appear in late 1965.

An excellent, comprehensive, if rather technical, reference work, with extensive bibliographies. In addition to essays on general topics, there are chapters concerning the interpretation of several special classes of phenomena.

Exhaustive annotated bibliography of literature published during period 1935-53. Includes material on principles, methods, and application of photo interpretation in various scientific and technical fields.

Serials.

137 PHOTOGRAMMETRIC ENGINEERING. (American Society of Photogrammetry) 1-(1934-) Quarterly. The Editor, 44 Leesburg Pike, Falls Church, Virginia 22044.
A professional journal carrying articles, abstracts, notes, and book reviews concerning photogrammetric procedures and instrumentation, advances in air photo interpretation, and results on research in the more "exotic" field of remote sensing.

SURVEYING AND MAPPING (American Congress on Surveying and Mapping) See #112.

General Works.

Rather more manual than textbook, but a well written, organized, and illustrated introduction to interpretative techniques that can be applied to a number of disciplines.

A well illustrated readable volume that can serve as either text or reference. The mathematical treatment is carefully developed.

A pioneering effort in the geographical interpretation of aerial photography, but still a useful work.

A clear, well illustrated basic manual on mapping from aerial photography.

One of the pioneering texts in the field, but still quite serviceable because of its clarity and emphasis on the geographic and geological applications of aerial photography.


This textbook, originally designed for foresters, has been expanded to discuss applications of photography to such fields as geology, soils, plant life, and human activities and settlement patterns. Decidedly useful for geographers.

Works on Special Subiects:


The use of air photos in studying the historical geography of ancient civilizations.


A panoramic essay consisting of captions to a series of highly interesting photographs, mostly but not entirely, taken from the air. A useful adjunct to any survey of world human geography.


Unclassified papers delivered during symposium on theory, techniques, and potential applications of remote sensing devices carried by aircraft or orbital vehicles. Highly technical, but as adequate a summary as is now available of a rapidly evolving new technology of much inherent interest to the geographer.


A quite complete and well organized treatment of the geological applications of aerial photography.

148. PACKMAN, D. J. and PHILPOTTS, L. L. Elementary Agricultural Air Photo Interpretation, with particular Reference to Eastern Canada. Ottawa: Canadian Department of Agriculture, 1955. 103 pp. $1.00. LC 56-854.

The interpretation of soils, crops, and related items shown by means of annotated air photos.

149. POWERS, WILLIAM L. and KOHN, CLYDE F. Aerial Photo Interpretation of Landforms and Rural Cultural Features in Glaciated and Coastal Regions. (Northwestern University Studies in Geography, No 3) Evanston: Northwestern University, 1959. 111 pp. $3.75. LC 62-2735.

Excellent treatment of a restricted aspect of the subject.


A dated, but still useful introduction to the extraction of quantitative human data from aerial photography.

151. WALKER, FRANK. Geography from the Air. New York: Dutton, 1953. 111 pp. $5.95. LC 53-12391.

A brief treatment of geology, landforms, soils, coastal features, economic features, and settlement features as seen from the air.

4. STATISTICAL METHODS

Bibliographies:

A comprehensive list of substantive and methodological publications in which mathematical techniques are applied to geographic problems alphabetically arranged without annotations.

General Works.


An "exclusive, concise appraisal of the methodological problems of analyzing areal data" by three sociologists. Although primarily designed for the sociologist and economist, this volume provides useful insights for the geographer.


An introductory textbook in statistical methods that uses examples from the field of geography.


This volume "represents a systematic, comprehensive coverage of the techniques for regional analysis" as evaluated by an economist with a keen interest in spatial problems. The virtues and limitations of many significant methods are put forward in great detail.


One of the more useful general introductions to statistical methods.

Works on Special Subjects.


Although specifically concerned with the agricultural occupation of flood plains, this study exemplifies basic procedures in the handling and computer manipulation of areal data that can be utilized in other phases of geographic work.


"An assessment of the practical potentialities of various statistical methods and techniques and a broad survey of the quantitative approach to plant ecology." Some of the methods and notions presented here are quite relevant to geography.


A discussion of the general problems of obtaining and using spatial samples.


An excellent example of the application of mathematical method to problems of industrial location, specifically the degree to which certain kinds of manufacturing are really associated.


A basic text in statistics that illustrates how statistical methods can be applied to a wide variety of problems in the earth sciences.
5. REGIONAL PLANNING

Bibliographies:


BESTOR, GEORGE C and JONES, HOLWAY R. City Planning: a Basic Bibliography of Sources and Trends. See #616.

CHAPIN, F. STUART, JR. Selected References on Urban Planning, Methods and Techniques. See #617.


A collection of important references to books and journal articles usually referred to by persons embarking on a research project.

Serials.

REGIONAL SCIENCE ASSOCIATION, PAPERS and JOURNAL OF REGIONAL SCIENCE. See #30 and #31.

General Works:


Concerned with the relevance of the physical environment to planning problems, has an elementary treatment of urban and industrial geography. Intended for a beginning course in geography in the British planning educational curriculum.


Brings together many major contributions to regional growth, theory, and planning. Includes a comprehensive annotated bibliography of nearly 200 titles.


Originally published in 1928. One of the first works in the United States to make an effective plea for regional planning. Still ahead of much of the thinking and planning being done in the field today.


A seminal volume. Contains contributions of many geographers. Deals both with conceptual matters such as "What is a Region?" and operational matters. Numerous maps illustrate the many different types of regions that have been delineated for various purposes.
Works on Special Subjects.

CHAPIN, F. STUART, JR. Urban Land Use Planning. See #629.


A collection of papers delivered by various research workers at a conference held in Italy in 1959.

DICKINSON, ROBERT E. City and Region. See #619.

171. BARDE, WALLER. Methods of Regional Analysis, an Introduction to Regional Science. See #155.


A lucid and comprehensive summary of many types of survey which the planner is likely to need.


Sociological in orientation, a classic statement.


An Indian geographer's comparisons of regional planning concepts and techniques in Great Britain, West Germany, and the Soviet Union. Numerous maps.

U.S. PRESIDENT'S WATER RESOURCES POLICY COMMISSION. Report. See #503.


A recent, general study focussed on economic development of a river basin and its close ties with a large metropolis, St. Louis, with particular reference to water resources and recreation.

6. TEACHING OF GEOGRAPHY

Bibliographies and General References:


An annotated bibliography of nearly 500 articles from The Journal of Geography 1940-1962, designed to help teachers and curriculum planning committees. Articles are
grouped according to school levels, and then according to (1) suggestions for courses of study, (2) methods and techniques of instruction, (3) visual aids, and (4) lessons and units.


Covers the teaching of geography and syllabuses of work, lists field work and classroom needs, sources of visual aids, geographical societies, includes annotated booklists for the primary stage, secondary stage, and sixth forms, also an extensive, annotated listing of geography in literature, exploration, and travel.

VINGL, CLARENCE L. U.S. Government Publications for Teaching and Research in Geography. See #81.

Serials.
THE JOURNAL OF GEOGRAPHY (National Council for Geographic Education). See #25

General Works:

Provides a clearly written, full review of the principles and methods of geography teaching in primary and secondary schools.


Marks a turning point in the teaching of geography and in the recognition of geography as a field of study in American schools. The studies and reports in this yearbook have had a remarkable influence on both the teaching of geography and the writing of textbooks for elementary and secondary schools.


Places emphasis on how to develop effectively the abilities and skills involved in reading and interpreting maps, pictures, the local landscape, graphs, statistics, and geographic reading materials. Contains numerous illustrations of how things can be done in the classroom to promote geographic learning.

Works on Special Subjects.

The papers and guidelines in this report are intended to define the place and purpose of geography in liberal education, and to stimulate future actions to improve the content of college undergraduate courses in geography.

BOWMAN, ISAIAH. Geography in Relation to the Social Sciences. See #100.


Gives principal concepts to be developed, examples of evaluation, and skills and techniques that may be used.


Indispensable reference book for all teachers of geography in secondary schools. Contains a full and valuable bibliography of articles and books.

Part I discusses new viewpoints in the various fields of geography. Part II discusses how these viewpoints have been reflected in the teaching of geography and the social studies.


Twenty-seven authors bring a variety of ideas into the 25 chapters, grouped into six parts: General Goals and Philosophy, Specific Objectives, Tools and their Use, Implications for the Elementary Curriculum, the Secondary Curriculum, and Teacher Education Curriculum.


The first half sets forth the aims of geography teaching, discusses the educational value of geography, and describes acceptable teaching methods. The second part provides three sample lessons (Switzerland, Oil, Malaria), and sets forth plans for the geography course.
PART III. THEMATIC GEOGRAPHY

1. HISTORY OF GEOGRAPHY

See Also Part IV. Sect. 1.

General Works:

The best general history of geography. Chronologically arranged, covering the period from classical times to Humboldt and the development of principal divisions of geography. Good general bibliography, numerous illustrations.

The Ancient Period.

BLAZZLY, CHARLES R. The Dawn of Modern Geography. See #219.

Detailed and easily accessible account of geography among the Greeks and Romans. Basic work on the classical period of geography.

A highly interesting and well-documented investigation of the Greek literature to determine what the classical Greeks understood by "geography," and what they regarded as its aim.

Devoted to the subjects of the Quadrivium - arithmetic, geometry (and geography), astronomy, and harmonic theory. Extensive bibliography and excellent subject index.

Most readable survey of the subject, one of the best of the single-volume treatments of the subject.

Thorough study intended to support theories presented by Bunbury. Covers the history of geography in Europe from the earliest times through the Greek and Roman, with heavy emphases on the latter periods.

Illustrates the development and extent of Greek geographical knowledge and thought.

Medieval to Early Modern Period.

A readable, short survey of the geography, cartography, and astronomy of the Muslim world.

196. KIMBIL, GEORGE H. I. Geography in the Middle Ages. London: Methuen, 1938. 272 pp. LC 38-35723
Brief, scholarly survey, invaluable for its listing of medieval texts.

Covers both exploration and scientific geography, an indispensable work. Most useful for medieval and early modern periods scholarly, well-balanced, and clearly written.

198 TAYLOR, EVAG R Tudor Geography, 1485-1583 London. Methuen, 1930. 290 pp. LC 31-15329

Fundamental work on the early development of geography in England, with chronological bibliography and essential documents of the period.


Similar to the preceding item

WRIGHT, JOHN KIRTLAND The Geographical Lore at the Time of the Crusades, a Study in the History of Medieval Science and Tradition in Western Europe. See #669.

The Modern Period


A selection of fifteen previously published papers dating from the period 1928-1955, together with three hitherto unpublished papers. By far the greater part of the book deals with British geography and geographers of the period since the sixteenth century.


A short but inclusive discussion of geography since 1800 AD, with particular attention to Binks, von Humboldt, Ritter, Vidal de la Blache, Mackinder, and Bowman.


A guide to the history of geography in the last one hundred years, including sections on regional, economic, social, and political geography, with short biographies of geographers. Emphasis is on British geography.


A review of geography in America, largely the colonial period, but carries through to present era.


A primary source of the American Geographical Society, contains important materials of historical and methodological interest. Model of meticulous research and clear exposition.

2. BIOGRAPHIES


An important English-language biography of an intellectual giant, and one of the fathers of modern scientific geography.


A biography with emphasis on his personal life rather than his scholarly achievements.


An impressive study of a great and thoughtful student of man and nature. Reflects the attitudes of 19th century American conservationists toward resource management.

208 McILROY, SAMUEL L. Columbus Admiral of the Ocean Sea, a Life of Christopher Columbus Boston Little, Brown, 1942 2 v $12.50 LC 42-5605.

An engagingly written biography of Columbus that is the product of thorough research. One of the finest biographies in the English language.

Relates life of Hakluyt to the overseas enterprises of trade and discovery which resulted in the expansion of England. Presents Hakluyt’s literary history.


Sympathetic biography of the rather misunderstood German who, with Ritter, was a founder of human geography.

3. GENERAL HISTORICAL GEOGRAPHY

Note: Many of the works that might be sought under this category will appear under “History of Geography,” “Biographies,” “Exploration of the World,” “The Geography of the Ancient and Medieval World,” or under the appropriate regional or topical heading.


A broad-ranging survey of “geographical history,” i.e., the geographical factor in historical events, trends, and conditions.


A broad statement of the historical, philosophical, and geographical foundations of the French Possibilist School.


Treats the history of all parts of the world since ancient times. About 120 maps, including insets, accompanying textual comments; index


Detailed maps on political, military, and colonization topics from classical to recent times; index, but no text


The plates in this atlas span some 3,000 years of history, cover political, military, and colonization matters. Except for some brief comments in the section on the classical period, there is no text.

4. EXPLORATION OF THE WORLD

Bibliographies:

COX, EDWARD G. A Reference Guide to the Literature of Travel. See #76.

Atlases:


A brief but thoughtful account of the exploration of the world (mainly from the European point of view) from ancient times to the present. Lavishly and handsomely illustrated with facsimiles of contemporary maps and drawings, and with several original plates showing routes and extent of geographical knowledge during various epochs.


The 92 pages of maps in this original compilation contain an extraordinary wealth of data on explorers’ routes, state of geographic knowledge, and contemporary political geography from the mythical past to the 1950’s. Strongest on Eastern Hemisphere and polar regions.
General Works


Long regarded as the standard work on the subject in the English language. Covers whole span of history from ancient Greeks to 1920's. Stronger on narrative than on interpretation or generalization.

219 BIZZETT, SIR CHARLES R. *The Dawn of Modern Geography, a History of Exploration and Geographical Science from the Conversion of the Roman Empire to A.D. 900, with an Account of the Achievements and Writings of the Early Christian, Arab, and Chinese Travellers and Students, from the Close of the Ninth to the Middle of the Thirteenth Century (c. A.D. 800-1200), From the Middle of the Thirteenth to the Early Years of the Fifteenth Century (c. A.D. 1250-1420).* London: John Murray, 1897-1906. 3 v.

Also Gloucester, Mass. Peter Smith, 1964. Reprint. $35.00.

A monumental work that continues to wear very well. The title is self-explanatory.


A regionally organized selection of narratives that spans the period from the 6th Century B.C. to the 1950's.


Excerpts from narratives, from Pytheas to Amundsen, with copious comments by the editor.


A reprint of the 1589 publication, the most accessible collection of its kind—an extensive record of early British travels and exploration reported in Elizabethan English.

A careful, scholarly presentation of the data derived from both archaeological investigation and Old Norse documents.

228. KINCAID-WARD, FRANCIS. Modern Exploration. London: Jonathan Cape, 1945. 124 pp. 6s. LC 45-7230

A popular volume giving a new definition to the term "exploration" and emphasizing that much remains to be learned about the world.


An excellent synthesis and interpretation of exploration, trade, and settlement during the 15th, 16th, and 17th Centuries.


In addition to a general survey of the subject, there are two valuable chapters on the cartography, navigation, and geographic literature of the period. Useful bibliography.


A panoramic, but thoughtful, study of the coming of Europeans to the Pacific Basin and the lands bordering the Pacific, and the drastic changes in population, settlement, disease patterns, and the biota.


An interpretation of European exploration of the world through an examination of some of the maps used, or produced, by the discoverers in question.

5. GENERAL HUMAN GEOGRAPHY

Note. In addition to works covering the entire field of human geography, this section also includes such items on various aspects of social, cultural, and settlement geography as are not readily classed under other categories in the field of human geography.

Serials:


A wide variety of topics are covered in this irregular series that is important for both its substantive and theoretical content, the emphasis is on settlement, migration, and demographic themes and on the Scandinavian lands.

Atlases


The 106 world and regional color plates in this unique atlas show the location and population densities of some 900 distinct ethnic and racial groups. Plates on languages and religion are also included, text and statistical tables supplement the work.

General Works


A monographic survey of the physical anthropology and ethnography of the peoples of
the world, with emphasis on the former and with a distinctly geographic flavor. The earlier sections of the work are worldwide in scope, but the bulk of it consists of regional discussions.

BOWMAN, ISAIAH The New World. See 299

A collection of essays ranging from the analysis of rural settlement to regional studies of Europe and Africa. Chapter 1 defines the nature and scope of human geography. This volume is the highly original result of Ratzel’s influence upon one of the more notable of French regionalists.

A treatise in the French tradition that discusses systematically the major aspects of human geography—population, agriculture, rural and urban settlement patterns, industry, transport, and political geography.

Each of the various chapters in this introductory text treats a different topic within the field of human geography, and for some topics the discussion is both original and unique.

This posthumously published monograph sums up the important contributions to the field of human geography of a leading modern geographer. Insofar as there is a basic theme, it is historical and diffusionist in character.

Although limited to Europe and emphasizing the morphology of rural and urban settlement, this is one of the few book-length attempts to describe the social geography of any large area, and merits inclusion here as a type example.

This volume, originally published in New American Library of World Literature, 1945. (MQ 248-Mentor) 50.95.
Huntington's notions concerning the shaping of human affairs by the physical—and, most specifically, the climatic—environment find perhaps their most mature expression in this volume. Although seriously questioned by professional geographers in recent years, Huntington was an effective writer, and his views have had a strong impact upon the general public.

A sixth-form level text on human geography for the British student that approaches the subject thematically, with emphasis on demographic, racial, ethnic, and political traits, rural and urban settlement, communications, and some phases of economic behavior.

A succinct survey of some major aspects of human geography, especially general methodology, population distribution, and rural and urban settlement.

An original, illuminating statement of the nature and methods of human geography by a prominent practitioner.
245. RATZEL, FRIEDRICH. Anthropogeographie (Bibliothek Geographischer Hand-
Originally published in 1882 and 1891.
Created the framework for human geography as we know it today, also seminal for con-
cepts in anthropology, political geography, and, in America via I. C Semple, geo-
graphical determinism. A statement of human geography as the product of man's social
life in relation to the earth.

246. ROSLO, ND. L. HARD. Outline of Cultural Geography Berkeley California Book
Co., 1963. 103 pp. $2.50.
An outline of the major trends, complexes, and facts in the field of human geography
organized primarily along historical lines and, secondarily, in regional fashion. Essent-
ially, a summary of the viewpoint of Carl Sauer and his students.

247. SOORLE, MAXIMILIAN. Les Fondements de la Géographie Humaine Paris Armand
Cohn, 1947-52. 4 v. LC 46-13843.
A standard work covering the entire field of human geography, one that is both broad
in sweep and profound in depth. The major emphases are on the biological aspects of
human ecology, human technology and its organization of space, and settlement mor-
phology and function.

LC 62-52683.
A brief survey of the field of human geography by a leading French scholar.

249. TAYLOR, I CHILL. Our Evolving Civilization, an Introduction to Geopacifcs,
Geographical Aspects of the Path toward World Peace Toronto. University of Toronto
Press, 1940. 370 pp $4.25 LC 47-5192.
One of several interesting books by Taylor dealing with the theme of the outward dif-
fusion of concentric waves of ever higher levels of human civilization.

250. WAGON, PHILIP L. The Human Use of the Earth. New York Free Press of
Glencoe (Macmillan), 1960. 270 pp. $6.50 LC 60-7092.
Discusses the elements of cultural geography and proposes a classification of these
elements and processes. A broad synthesis of the relevant findings of several disciplines.

251. VIDAL DI LA BLACHE, PAUL M. J. Principles of Human Geography, tr. from
French by Mill. cent. Todd Bingham and ed. by Emmanuel de Martonne. New York: Holt,
1926, 511 pp. LC 26-14572.
ALSO. Principes de Géographie Humaine. Paris, Armand Cohn, 1923. 327 pp. LC 22-
16451. The original French version is strongly recommended to readers with sufficient
command of the language.
A stimulating, posthumously published introduction to the field by a distinguished
French geographer of modern times. Basically a statement of the purposes and interests
of the French Possibilist School.

252. WAGNER, PHILIP L. The Human Use of the Earth. New York Free Press of
Glencoe (Macmillan), 1960. 270 pp. $6.50 LC 60-7092.
Discusses the elements of cultural geography and proposes a classification of these
elements and processes. A broad synthesis of the relevant findings of several disciplines.

253. WAGNER, PHILIP L. and MIKSELL, MARVIN W. eds. Readings in Cultural Geo-
Selections illustrating many fields of inquiry by scholars in geography and related
disciplines. The general introduction and the remarks prefacing each section are par-
ticularly valuable, and there are numerous references to methodological works in and
outside the field.

Works on Special Subjects.

AMOS OAKES. Economic Annals and Human Cultures. See #423.
A highly readable account by a plant ecologist of the interrelations between man and the cultivated plants, and also with plants that are not so wild as they seem.

Man's place in the biological order, his origin, biology, ecology, and other matters dealing with human interaction with the nonhuman world. Brief and well written.

BERRY, BRIAN J. L and PRUD, ALLAN R Central Place Studies, a Bibliography of Theory and Applications. See #615.

A work on modern frontiers of agricultural pioneering that sets the stage for the series of subsequent volumes on the spread of people and settlement in specific zones.

A work on modern frontiers of agricultural pioneering that sets the stage for the series of subsequent volumes on the spread of people and settlement in specific zones.

CORNISH, VAUGHAN The Great Capitals, an Historical Geography. See #312.

CURWEN, L. LIO'T CECIL and HATT, GUDM Plough and Pasture; the Early History of Farming. (Life of Science Library, No. 1) New York; H. Schuman, 1953. 329 pp. $5.00. LC 53-11311.
Part I of this work deals with the historical geography of farming and stockraising in Europe and the Middle East, and Part II surveys the agriculture patterns of non-European peoples. A valuable introduction to the agricultural geography of pre-modern folk.

This work describes in detail the visible impact of religious beliefs and practices on the landscapes of the Old World.


HARRISON CHURCH, RONALD J Modern Colonization. (Hutchinson University Library Geography 50) London. Hutchinson University Library, 1951. 165 pp. 7s.6d. LC 51-10760.
A comprehensive survey of modern colonization written on the eve of its dissolution.

Describes the natural landscape, historical and social characteristics of the city as a whole and of its constituent sectors. Although primarily descriptive, the material has been set in a more general framework, and suggests principles that might be applied to other cities.

As fine an introduction as any to the field of cultural anthropology, a cognate discipline of much interest to the human geographer.


A generous selection from the essays written over a period of half a century on a surprising variety of themes by one of the makers and shakers of modern human geography. Introductory essay by the editor.


An epochal work by the first great figure in the field now known as Conservation, one that deals skilfully with the theme of man's impact upon the physical and biological world. A significant contribution to the development of geographic thought in the USA.


A full statement of Sauer's hypotheses on plant and animal domestications that is the culmination of many years of research on early human cultures.


The most comprehensive treatise yet available covering the entire field of settlement geography, both rural and urban.


A survey of various meat tabus in the Eastern Hemisphere, with particular attention to spatial and temporal patterns and to possible explanatory factors.


Nearly a century after its initial appearance, this charming work remains without a rival as a highly readable and stimulating introduction to the study of place names—their origins, spread, and significance.


The published results of an elaborate symposium, involving many expert hands, on all phases of mankind as a factor in changing the physical environment of the earth. A vast, rich, seminal work. In many ways this volume is an extension of the work of George Perkins Marsh.

6. POPULATION GEOGRAPHY

Bibliographies:


An excellent annotated guide to the more important literature published through 1958.

276. OFFICE OF POPULATION RESEARCH, PRINCETON UNIVERSITY and POPULATION ASSOCIATION OF AMERICA. Population Index. Princeton; 1977-. Quarterly. $5.00 per year.
A well-edited, comprehensive current bibliography covering all aspects of demography and related fields; the starting point for any major search of the literature. An annual index to authors and places, occasional research or review articles, selected population statistics, and professional news items are included.


A finding list, organized by region and topic, of such writings published through mid-1961 as could be identified as population geography. A brief explanatory introduction and author index are also provided.

Atlasses:


This looseleaf atlas, the by-product of a massive effort to map diseases on a world scale, provides small-scale dot maps, along with some summary statistics, for major regions of the world.

Serials:


Consistently important substantive articles in the field of demography; book reviews.

General Works


The closest approach to a monographic treatment of population geography yet published. The treatment is purely regional, with the quality of individual segments varying from good to only fair. There is no attempt to survey phenomena on a world scale or to extract basic principles.


A collection of nineteen brief essays by American demographers that concentrates on recent trends and prospects for the world as a whole, for most major regions individually, and for the United States in particular.


An approach to some of the basic themes and problems in population geography. As in George's earlier—and quite different—book on the subject, there is only a vague attempt at regionalization. Valuable chapters on population distribution, fertility, mortality, migration, and the relationships between physical and economic environments and population characteristics.


A series of erudite, and often stimulating, essays on the status and trends of all significant phases of population science. Two chapters are specifically geographic.


A good, basic intermediate-level introduction to the field of demography. A moderate emphasis on American and Western European materials, but the discussion is organized primarily along topical rather than regional lines.
A topic-by-topic introduction to the subject of population, with strong emphasis on the United States. Several useful maps.

A well-edited and wide-ranging anthology of relatively short papers, largely by non-geographers, but of much interest to the population geographer.

A completely rewritten and updated version of an important text. Combines basic demographic materials and an exhaustive analysis of the United States with strong international interest and coverage.

An impressive compendium of some basic population statistics for virtually every country of the world, along with some useful graphs and maps and brief commentaries. There is only the most elementary geographic analysis of the data.

A truly massive compilation of population facts by means of text, table, and map, along with some analysis, generally on the national level. More useful for its heroic collection of data than for the insight afforded into their meaning.

Works on Special Subjects

Pr.: SL77-Scrib. $1.65.
A semi-popular treatment of the ecological and social problems stemming from the rapid growth of human populations over much of the world today.

An historical survey of population numbers and trends, in the world as whole and by major regions, from classical times to the 20th century, that is still a basic reference, even though many details must now be corrected in the light of recent research.

CASTRO, JOSUÉ DE. The Geography of Hunger. See #336.

Thirteen essays that exploit the superb Swedish data to expand the frontiers of migrational theory, in addition to summing up previous work.

INTERNATIONAL URBAN RESEARCH. The World’s Metropolitan Areas. See #628

A review of the world population and resource situation, with a description of 19 countries and islands and some policy recommendations. One of the more eloquent statements of the increasingly troublesome problems brought about by expanding human numbers in a finite world.


The most exhaustive study to date on modern temporal trends in numbers and location of people throughout the world.


The emphasis in this work, by a noted agronomist, is on the sufficiency, quantitatively and qualitatively, of present and prospective food supplies in various world regions. A perceptive, but disturbing, work.


A general geographic treatise on many significant aspects of territorial movements of human populations.


The most authoritative survey to date on the complex subject of how population characteristics - and change in particular - interact with changing social and economic situations.

7. POLITICAL GEOGRAPHY

General Works


An up-to-date, descriptive synthesis of the world's major political units or political groupings, the first five chapters on nature and development of political geography are excellent.


The first comprehensive study of political geography by an American geographer. Examines political regions throughout the world.


A survey of geopolitical and political geographical thought and an examination in the light thereof of the alignments of the modern world.


Somewhat out-of-date but still a good selection of regionally organized case studies by a variety of experts, most of them leaders in their particular fields.


A rather sophisticated, short discussion of the essence of political geography and its relation to other geographical subjects, a valuable study of political forces creating unity or disunity in the modern state.


Collection of readings, designed as a supplementary text. Readings drawn from non-geographic as well as geographic sources.

A regional political geography, with chapters by 29 authors. The book contains more factual geographic material on individual states than do most other regional political texts.


Valuable text dealing with contemporary political geographical patterns. Well written, well illustrated with maps and pictures.


By the "founder" of the modern geopolitical geographical school. It tends to regard the state as an organic being.


A systematic attempt to identify principles in political geographic study.


Strong historical emphasis. Combines a discussion of principles with a comprehensive discussion of the existing states and their foundation.

Works on Special Subjects:

ALEXANDER, LEWIS. Offshore Geography of Northwestern Europe; the Political and Economic Problems of Delimitation and Control. See p928.


The late geographer of the Department of State offers a thorough discussion of the subject to which most of his professional life was devoted. Basic treatment of nature and function of international boundaries.


Primarily an economic-geographical approach to the differences in resources and development that underlie many current international issues. Treatment is both topical and regional, illustrated with several generalized sketch maps.


A collection of papers by geographers, such as Bowman, Whittlesey, Hartshorne, and James, on boundary and settlement problems.


A discussion of the major capitals of Eurasia, the United States, and the Inca Empire, in terms of their strategic locations as forward sites, at dominant crossroads, or in natural strongholds.


Written from Lord Curzon's experience with the Northwest Frontier of India, this is one of the first systematic discussions of the general nature of boundary problems.


A scholarly and well-documented study of the rise of geopolitics in Germany, and of various aspects of geopolitical doctrine as it pertained to such elements as space, frontiers, and war.

Writing during the first years of W W II, the author traces the development of new cultural and political centers and the corresponding shift of the European center from its position of eminence to one among several.


One of the most characteristic and pernicious of the many books by Haushofer. The boundaries of Germany are examined and all contentious issues are discussed only from the German point of view. Became one of the most influential books of the century in view of German rationale in World War II.


A practical guide to both the delimitation and demarcation of boundaries, with useful suggestions for those who are actually working in the field on boundary determination.


Study of seapower and importance of the sea in British history and political affairs.


Study of the political world at the end of W.W. I, and perspective on the role of the "Heartland" power. A major work in this field.


An important source of ideas for German geopoliticians, this book maintains that the first prerequisite of world power is control of the seas.


A well-documented, legal presentation of the law of the sea on a world-wide basis, with numerous references to specific cases.

322 MOODY, ARTHUR E Geography behind Politics. (Hutchinson University Library Geography) London Hutchinson University Library, 1961. 178 pp. $3.00. LC 61-41397.

A small booklet, apparently born out of the realization of how little the general public knows about the geographical background of international affairs, written with deep understanding.


An excellent case study in political geography.


A study of the factors influencing the location of boundaries and the effect of boundaries on border landscapes. Each facet is illustrated by several examples.


A general book on international affairs, containing several chapters on geographic subjects, such as world map projections, natural resources in international politics, and climate and the energy of nations.
Among the foundations of national power, geographical conditions and the facts of political geography are basic and occupy, therefore, a large space in this book.

Excellent study of basic geographic concepts pertaining to international relations and political geography.

Geographical study of directions of the post-war world. Well illustrated with maps.

Collection of essays on geopolitical problems by many experts.

Analysis of Geopolitik, including its historical, philosophical antecedents. Extensive bibliography.

8. MEDICAL GEOGRAPHY

Atlases:

Lack of the plates contains maps of world distribution of a disease and often of its vectors; each also includes a comprehensive list of sources.

An atlas which illustrates geographic patterns of disease mortality in the United Kingdom. The maps are clear and include the following: cancer (four types), circulatory system (two types), respiratory system (three types), ulcers, diabetes, infant mortality, accidents, and suicide. A good appendix shows death rates in selected areas in the U.K.

A comprehensive atlas of the historical and contemporary disease patterns throughout the world with special emphasis on Europe. Panstaking detail is evident in this excellent atlas.

General Works:

A geographically oriented social criticism stressing man's shortcomings in food production and distribution. The author traces the historical development and geographic patterns of widespread hunger. No maps or tables - few statistics. Special emphasis on Latin America.


A compilation of data showing numbers of cases of a wide variety of diseases within individual nations. No maps are included and only general distribution patterns within nations are mentioned.


Discusses relationships between disease and geographic factors surrounding it. A technical ecology of cholera, brucellosis, tuberculosis, leprosy, bacillary dysentery, yaws, anemia, measles, and others. A few good maps are included.


Covers the distribution, concentration, and control efforts concerning 12 diseases. Technical discussion of these diseases and the geographic agents contributing to them (physical, cultural, etc.). Well written with good use of maps and tables.


An excellent introduction to medical geography. The book includes short discussions of a number of major world diseases and makes good use of maps showing disease distribution and malnutrition patterns.


An excellent introduction to medical geography. The book includes short discussions of a number of major world diseases and makes good use of maps showing disease distribution and malnutrition patterns.


Good basic discussion of medical geography as a subject. This book covers the role of climate in health and disease and the mapping of disease and mortality. The expanding future of the subject is mentioned in this highly generalized book. Excellent cartography samples.

Works on Special Subjects:


A discussion of malnutrition and resultant disease patterns in twenty Asian nations (omitting Indonesia, Philippines, Korea, Japan, Soviet Asia). Each chapter covers a single nation's physical geography, food production, food distribution, actual weaknesses of diets, resulting nutritional diseases and possible conclusions. Well organized with excellent use of maps and tables.


Similar to May's Ecology of Malnutrition in the Far and Near East, having many of the same strengths but somewhat weaker in organization. The book covers Last Germany, Poland, Yugoslavia, Albania, and Greece.
A very technical book concerning the effects of weather and climate on man. Well organized, with many maps and tables, the book considers physiological and psychological processes in man as affected by macrometeorology and microclimate (including artificial climates). Not for the beginner.

9. GENERAL PHYSICAL GEOGRAPHY

Bibliographies and Glossaries


A thorough listing including definitions, uses, spelling, synonyms and foreign language forms of a variety of terms.

Serials

347. LUND STUDIES IN GEOGRAPHY. SERIES A PHYSICAL GEOGRAPHY (Royal University of Lund, Department of Geography) 1-(1960-) Irregular. Lund. C. W. K. Gleerup.

An excellent series of monographs on a variety of topics. Some reprinted and some original. Chiefly in English but some in Swedish, German, etc.

General Works


A well illustrated and comprehensive treatment of the earth, its history, physical characteristics, and materials. Also contains a brief history of the evolution of life forms.


The first is a well written and very well illustrated text with particularly extensive treatment of weather and climate. The shorter volume has been organized and written afresh but is based largely on the more comprehensive work.


An elementary text devoted to landforms, meteorology, and climatology, brief treatment of plants, soils, and oceanography. Ample use of maps, photos, and diagrams.


British text treating weather elements, the sea, and landforms (about 40 per cent of the text). Amply illustrated. Frequent use of British examples. Brief topical bibliography.


A well balanced, comprehensive, systematic study of man's physical environment with numerous regional examples.


Short sections treat the earth as a planet and cover map projections. About 40 per cent devoted to landforms. Some elementary quantitative treatment of fluvial processes. Extensive treatment of climate.
Distinctive for its modern treatment of the earth as a planet including topics such as time, tides, astronomy, geodesy, and magnetism. Substantial discussion of oceanography, weather, landforms, earth history. Outstanding diagrams. References.

A well written introductory college text covering the entire field of physical geography systematically. Considerable emphasis on the dynamics of environmental change.

Works on Special Subjects:

A collection of fine descriptions of physical features drawn largely from literary works and organized topically by Climate, Oceans and Seas, Mountains and Plateaus, Rocks and Soil, and Work of Rain and Rivers.

An ambitious attempt to describe and analyze the natural environment of the glacial period. The theme "man and nature," as in geographies of the contemporary period, runs through the volume.

A classic study of the physical environment and its influence on man. A new approach to teleological concepts.

This lucid volume on mathematical geography explains many misunderstood concepts.

SUSLOV, S. P. Physical Geography of Asiatic Russia. See #1038.

A highly readable treatment of the cyclical changes that the earth's crust undergoes during the passage of geologic time. Correlations also with the development of life forms. Written in conventional prose.

A comprehensive and encyclopaedic volume dealing with the physical and biological aspects of the coral atoll in its tropical setting, treats geology, climate, ocean currents, storms, fauna, flora and human life.

10. LANDFORMS

Serials:

Abstracts in English of articles from many journals in a variety of languages. Valuable tool.

Atlases:

A wide range of typical landforms in French territory is handsomely represented by shaded relief maps, air photos and anaglyphs.
General Works.


A well written work tracing the growth of ideas on the shape and nature of landforms with special emphasis on the origin of water-worn landscapes. The first of what is planned as a three-volume work.


A systematic approach with a large number of illustrations, chiefly from New Zealand, each accompanied by a brief description.


One of the newest textbooks in physical geology. Especially useful handling of geologic processes.


A well written, excellently illustrated volume organized by process. Valuable for beginners or advanced students.


Demonstrates how landforms result from interactions between internal and external forces and proposes laws covering the development of denudational forms.


A compilation of hypotheses and theories regarding the behavior of geomorphic processes and the origin of specific types of surface features. Useful in illustrating the diversity of thought still current in this youthful science.


An introduction to advanced study which stresses deficiencies in present theories of geomorphology and outlines geomorphology's place among the earth sciences.


A standard general text of broad coverage. Largely classical in approach, but makes reader aware of areas of controversy.


Valuable for its analysis of landforms in many parts of the world, especially in Europe.

Works on Special Subjects.


A discussion of the contribution that glaciology can make to the study of geomorphology and climate change.

A well written beautifully illustrated volume emphasizing classification and documenting the history of many famous volcanoes

375. CHARLES WORTH, JOHN K. The Quaternary Era, with Special Reference to Its Glaciation. London: Arnold, 1957. 2 v. $65.00. LC 57-2105.

Vol. 1 is a detailed study of glaciology and glacial geology, Vol. 2 a study of the Quaternary Period. Abundantly illustrated and with an excellent bibliography.


This volume contains the classic and now generally accepted theory of subsidence in the formation of most coral atolls and reefs.


A thorough and critical study of the geomorphology of coral reefs, including theories of their origins.


A reprinting of Davis's finest essays including his theories concerning the geomorphic cycles.


A beautifully written volume with many magnificent photographs describing and analyzing the mechanics of glaciers and their impact on the earth's surface.

380. FLINNL, NLVIN M. Physiography of Western United States. See #713.


"Classic" describing, analyzing and classifying shoreline features. Well illustrated.


The first part of this pioneer work deals with processes of mass-wasting, while the second part deals with drainage pattern evolution and channel and slope development. An application of inductive quantitative techniques to a significant area of geomorphology.


The text interprets and analyzes the landforms presented in a series of physiographic and block diagrams taken from various parts of the world.

384. MONKHOUSE, FRANCIS JOHN. Landscape from the Air, a Physical Geography in Oblique Air Photographs. Cambridge: Cambridge University Press, 1959 52 pp. $1.75. LC 59-16258.

Fifty-two photographs from various parts of the world are analyzed carefully for the geomorphic information they reveal.

A thorough study of volcanology, both theoretic and descriptive, which concludes that volcanic activity has played only a small part in the development of the earth's surface.

A pioneer study that is still the best single source available in English dealing with the varied phenomena of mass wasting that are of major importance in the development of slopes.

The original contains now classical work on the Grand Canyon. The 1957 edition omits some of the scientific observations as well as some of the diagrams and maps.

Physical and geomorphological aspects of the shoreline are described and analyzed. A very thorough type study.

11. CLIMATOLOGY

Atlases


VISHER, STEPHEN S. Climatic Atlas of the United States. See #587.

Serials

Each number is organized around a particular problem of meteorology or climatology and has contributions from a number of highly regarded specialists.

Approximately one-half of the articles have a wide appeal to the undergraduate major in geography, the others are aimed at a more sophisticated audience and require considerable background in mathematics and physics.

Written for the amateur weatherman, it contains excellent articles by leading specialists.

A magazine about weather written for students and interested laymen. Reports chiefly on hurricanes, typhoons, seasons of heavy snowfall and other unusual conditions.

General Works

Twenty-five sections appraise and summarize the entire field as of 1951. Sections on climatology, and weather anomalies are of special interest.

A well written, well illustrated text designed for geography students—emphasizes not only the elements but their significance to man.


A highly readable overall summary of the atmosphere, its behavior, and its many implications to man.


A popular volume designed to discuss the influence of climate on man and to answer the most common questions about climate.


A non-technical highly readable treatment of three major phases of climatology—physical, regional and applied.


An easily understood global view of climatic elements in their occurrence both in time and space.


An introductory text in a readable style which presents the field through both the topical and the regional approach.


Valuable for its collection of temperature and precipitation averages throughout the world, and for its description of regional climates and their controls.


A good introductory volume stressing climatic controls.


A reasonably complete, non-technical, up-to-date treatment of weather principles and their application to climatology.


A comprehensive, basic, and classic work in the field by one of the founders of modern climatology.


A text for the intermediate or advanced student, well illustrated and documented by excellent bibliographies.


An elementary textbook on meteorology, does not require a previous background in calculus or physics.

A text for non-specialist "turnunal" courses. The volume is not highly mathematical yet avoids none of the modern views about the atmosphere. It is well written and well illustrated.


A view of world climates and climatic factors designed for students who have not had a thorough background of dynamic meteorology.


An easily read, non-technical introduction to meteorology with numerous 2-color diagrams, maps, charts, and many black and white photographs.

Works on Special Subjects:


An account of climate variations in time through the world's geologic history with emphasis on the Quaternary period.


A distributional analysis of various components of heat balance and application to a variety of problems in physical geography.


Especially valuable reference book for geographers because of its emphasis on tropical climates and their interpretation.


A study of micro-climate emphasizing the relationships between climate elements and the flora and fauna.


A useful and ready reference for identifying current meteorological terms and concepts. More complete than a dictionary but less detailed than an encyclopedia.


PB Harper Torchbooks. The Science Library, TB 560. $1.35.

A study in dynamic climatology emphasizing process and analyzing the regional patterns in Britain and North America.

KIMBLE, GEORGE H. T. Our American Weather. See #716.

117. IXOLGLAS, H. K. Climate and Economic Development in the Tropics. See #1302.

118. MAURY, MATTHEW F. The Physical Geography of the Sea and Its Meteorology. See #475.


Deals with quasi-permanent features of intertropical circulation, the dynamics of the monsoon and the regional climate patterns of monsoon Asia.


Presents a thorough analysis of tropical weather and climate with emphasis on controls.

A study of paleoclimatology emphasizing physical climatology and its genetics. Contains an extensive bibliography.


A study of the causes and effects of climatic change and the impact of these changes on man and vegetation. Very readable.


A brilliant novel concerned with the life history of a mid-latitude cyclonic storm and its impact on man.


An analysis of the unusual and extraordinary climates of the world, offering brief and precise descriptions of climatic characteristics and explanations of some of the problem climates. Climatic differentiation is discussed for Latin America, Australia, Africa, Asia, Europe, and North America.

1. DEPARTMENT OF AGRICULTURE. Yearbook of Agriculture, 1941, Climate and Man. See #724.

423. UTT, IAN I. M. Equatorial Weather, with Particular Reference to Southeast Asia. See #1117.

12. BIOGEOGRAPHY

General Works.


Deals with the evolution of plants useful to man and the various uses that man has made of them. Many fine drawings are included.

ANDERSON, EDGAR. Plants, Man, and Life. See #255.


A technical text dealing with the development of plant communities, their relationship to climatic and soil controls, and their position in conjunction with other plant communities.


A technical study of plant geography as a science and the concepts and methods useful in this field.


Profusely illustrated and with fine maps and tables, this informative and well-organized text assumes considerable background in physical geography, climatology and biology.


A geography of land animals and fresh water animals with emphasis on vertebrates. A refreshing style makes for good reading. Fine maps and tables give excellent support to the text.
Ecological in approach, geographically oriented. A valuable text for anyone studying historical or contemporary invasion patterns of plants and animals.

The non-technical vocabulary coupled with an excellent use of maps, tables and photographs makes this a useful introductory text for plant geography.

A layman's geography of plants (particularly trees) within the United States. Excellent photographs, maps and tables are included.

A wealth of information, illustrated with many maps, tables, drawings, and photographs, is presented with a minimum of verbiage.

GRIEG-SMITH, PETER. Quantitative Plant Ecology. See #159.

A complete and detailed analysis of American forest policy, beginning with an account of American lumbering. Also discusses the effects of government administration and economic control of timberlands on national forestry policy.

A technical zoogeography. From a discussion of basic animal characteristics and needs the book moves into animal distribution in the sea, in inland water and on land. Many excellent drawings are included; few maps or tables.

An excellent collection of fifteen studies ranging from world butterfly distribution to plant-geography. Many maps and tables are included.

A brief, informative introduction to the study of plant ecology. A good chapter on conservation is included.

The book has considerable detail for its limited size and the technical vocabulary can be mastered with a minimum of difficulty. Includes an authoritative account of plant communities in northern lands.

A prodigious study moving from the factors of plant existence and plant formations to a detailed study of plant geography by climatic regions. Excellent detail is enhanced by a profusion of tables, plates and photographs.

438. SCHMIDHEUEN, JOSLF. Allgemeine Vegetationsgeographie... (Lehrbuch der allgemeinen Geographie, 4) Berlin: W. de Gruyter, 1961. 262 pp. LC 60-39260.
A study of world vegetation associations and their variation from place to place in relation to climate, soil, slope, drainage, etc. Excellent illustrations and a fine 650-item bibliography.

A new printing of the original "classic" published in 1876 and containing the original plates and tables. Although the language is somewhat technical the book is readable by students with a minimum of geologic and biologic preparation.


An attempt to establish the origins and history of floral development from present plant characteristics and patterns. The text is informative and well mapped but, tragically, no sketches or drawings are included.

Works on Special Subjects:


A collection of papers divided into three sections dealing with general forest influence and use, a regional study of forests in the world, and a concluding outlook for future forest development and use.


Explores the importance of plant geography (particularly cultivated plants) to the development of human cultures in the southwestern United States.


Discusses the distribution, development, physiography, soils, and vegetation of salt marshes and deserts. Similarities and dissimilarities of these marshes and deserts in their various locales are given special attention.


Extensive treatment of geologic, climatic, and soil factors is included with many fine maps, tables, and photographs. A fine case study.


Map at the scale of 1,316,800 and a 150 page manual of explanation and description.


Although the text is well organized and written it is overshadowed by the outstanding use of diagrams and photographs to illustrate important characteristics of the tropical rain forest.

Schantz, Homer R. LROY and TURNER, B. L. Photographic Documentation of Vegetational Changes in Africa over a third of a Century. See #1230.


An intriguing study of a wide variety of domesticated animals including insects, fish, mammals, and birds. Special attention is paid to farm and work animals. The problems and benefits of animal domestication are discussed.
13. SOILS

Bibliographies

448. COMMONWEALTH BUREAU OF SOIL SCIENCE. Bibliography of Soil Science, Ferti-
lizers and General Agronomy. Farnham Royal, Bucks. Commonwealth Agriculture
Bureaux, 1931-1962. 8 v to date.

A standard research tool. In addition to arrangement of references by subject, a
geographical index is provided. A coding system allows rapid searching in depth.

General Works:

$6.00.

A detailed examination of the nature of soil erosion and methods for its control, with
special attention to the United States and the regional aspects of the problem within
the nation. Virtually a bible on the subject by the "father of soil conservation."

450. BUCKMAN, HARRY O. and BRADY, NYLL C. The Nature and Property of Soils,
LC 60-5882.

One of the basic texts in elementary soil science. Special emphasis on application
to agricultural practices.

LYRE, SAMUEL ROBERT. Vegetation and Soils. See #429.

451. GASSNER, RUBERT. Bodengeographie, mit besonderer Berucksichtigung der Boden

The only explicitly geographic book-length treatment of soils, and useful as far as it
goes, although emphasis is on Central Europe. Good regional discussion and handling of
relationships of soils with landforms, geology, vegetation, and agriculture within Germany.


An intermediate-level treatise on soil science that deals with each major factor of
soil development in detail. Still an excellent statement of how soils are formed and why
they differ.

MOHR, EDWARD C. J. and VAN BUREN, F. A. Tropical Soils. See #1304.

453. NYL, P. H. and GILBERT, D. J. The Soil under Shifting Cultivation (Common-

A careful evaluation of the edaphic effects of shifting cultivation, as practiced in much of
the "underdeveloped" world.

454. ROBINSON, GILBERT W. Soils, their Origin, Constitution, and Classification, an

This book remains the best work on pedogenesis in middle latitudes. The whole world
is covered in outline.

455. ROSS, LEWIS. Soil Conditions and Plant Growth. 9th ed. New York:

An intermediate-level treatment of all aspects of soils, with particular emphasis on
plant relationships.

456. U. S. DEPARTMENT OF AGRICULTURE. Yearbook of Agriculture, 1938, Soils and

A classic reference for general soil science that deals with the state of the subject
in the United States in 1938, the value of soil as a resource to a nation, problems arising
from its use, and a technical discussion of pedology.


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An introductory survey of recent research and findings on all aspects of soils. Of greatest geographic significance is the last third of the volume dealing with regions, and the agricultural use and changes that have occurred through good management, or through mismanagement.


The official handbook and standard principles of soil survey as practiced in the United States. It is intended primarily for those engaged in field classification and mapping of soils.


A detailed and advanced exposition of the latest system of soil classification.

14. OCEANS AND LAKES

Bibliographies


A comprehensive annotated bibliography.

Atlases


The seven folios released through mid-1965 cover such diverse topics as temperature, surface circulation and the distribution of various types of marine life.


A well designed, well printed atlas in color. Vol. 1 contains maps of the oceans, seas, bays, and ports. Vol. 2 covers historical materials and oceanography. Vol. 3 presents a map history of naval warfare.


Part I Antarctic, Part II Arctic. This atlas treats tides and currents, physical properties of the oceans, ice, wind, marine geology and marine biology.


Maps a great volume of data for the North Atlantic Ocean (vol. 1) and for the North Pacific Ocean (vol. II). Coverage includes ice, tides, cloud cover, wind, precipitation, visibility, storms, and several other items.

Serials


A well executed journal dealing with physical, chemical, geological, and biological phenomena exhibited by natural bodies of water.

General Works


Deals with physical oceanography, waves, tides, currents and their relation to the atmosphere. Quite technical.
A well-known best-seller dealing chiefly with physical and geological oceanography.

A readable descriptive volume by a biologist. Deals with the oceans and their general characteristics.

A fine illustrated volume emphasizing the research being done in the 1950's.

Detailed textbook, based on a foundation of physics, chemistry, and hydrodynamics. Very technical treatise.

A non-technical, well written account. Vol. I deals with the sea as an environment and with the world of plankton. Vol. II deals with fish and fisheries, with whales, turtles and animals of the sea floor.

Volume I deals with the morphology of lakes, as well as their physical and chemical properties—a thorough, well-done work. Volume II deals with the biology of lakes and was in press in August, 1965.

Contributions by 33 oceanographers on: history of the oceans, populations of the sea, the deep sea, boundaries of the sea, and cycles of organic and inorganic substances in the sea.

A compact, introductory survey of oceanography. Does not require a background of physics, mathematics, and biology. Most aspects of oceanography are covered.

This 100-year-old classic was the first volume to treat the sea as a dynamic whole. Valuable contributions have been added to this version by the editor.

Non-technical, deals with shore lines, beaches, continental shelves, geology of the sea bottom, submarine topography.

A well-written text dealing with many phases of oceanography including instrumentation, waves and currents, shorelines, beaches and shelves, continental slopes, submarine canyons, and coral reefs.

The standard reference work on oceanography contains much descriptive material for geographic purposes.

Works on Special Subjects

Deals chiefly with the Gulf Stream and its influences, direct and indirect, on man.


Tells the story of some of the great ocean explorations, then describes some of the great discoveries in marine biology, submarine archaeology, and physical and geological oceanography.

Excellent work in a fine translation—dealing chiefly with ocean tides.

A descriptive, well-illustrated volume dealing with both shelf and pelagic fauna. Organized on a regional basis.

Well written accounts of a dozen important expeditions.

An easy-to-read, well illustrated volume devoted 2,3 to coastal geomorphology and 1/3 to submarine geomorphology.

JOHNSON, DOUGLAS WILSON. Shore Processes and Shoreline Development. See #381.

Current Russian research on the Pacific, also quantitative and qualitative aspects of deep water observations.

Summarizes present knowledge concerning the living resources of the sea in order to determine how the harvest of the sea fisheries could be increased. Emphasis is placed on those regions where population pressures and food needs are most critical.

15. WATER RESOURCES

Atlases

A compilation of 1-S maps presenting the occurrence of water and other related climatic phenomena and the various uses of water.
Serials:
486. WATER RESOURCES RESLARCH (American Geophysical Union) 1-(1965-) Quarterly.
   Established to include papers from the physical and social sciences, this journal is
   intended to serve new activities in water science.

General Works:
489. KELLER, R LINR Gewässer und Wasserhaushalt des Festlandes, eine Einführung
   Summary of the physical conditions affecting the distribution of water on land sur-
   faces in time and space. Materials are drawn chiefly from European sources.

   Some aspects of the cycle of water in nature are described, including water in the
   oceans, the atmosphere, on the surface of the earth, and below it.

491. LINSLEY, RAY K, KOLLER, MAX A , and PAULS II, JOSIP H I, L Applied Hydrol-
   ogy. (Civil Engineering Series) New York. McGraw-Hill, 1949. 689 pp. $13.00 LC 49-
   11989.
   A standard reference text in hydrology.

492. NATIONAL SYMPOSIUM ON WATER RESOURCES, USE AND MANAGEMENT,
   ASTRALIAN ACADEMY OF SCIENCE, 1963. Proceedings of a Symposium held at Can-
  berra, Australia, September 1963. Sponsored by the Australian Academy of Science,
   LC 64-57187.
   Forty major papers and discussion, presented by eminent scientists from Australia,
   U.S., and U.S.S.R. Topics range from meteorology to the socio-economic side of water
   development.

   A practical approach to the explanation of the nature, behavior, and conservation
   of water in agriculture. Some major subjects covered are: the need for water, water and
   the soil, watersheds, water for irrigation, drainage, water and wildlife, and water for farms
   and cities.

Works on Special Subjects.
494. ACKERMAN, EDWARD A and LOP, GEORGE O G Technology in American Water
   This study reviews the technical events important in water development, classifies
   them, and gives a case study for each class. It also discusses the potential impact of
   emerging technology on water development, and the organizational responses induced by
   technological change.

495. AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Water and
   Agriculture, a Symposium Presented at the Washington Meeting of the American Associa-
   A collection of symposium papers on the scientific and technical aspects of water
   use for agriculture with some discussion of public planning issues.

496. LÖKSTIN, ULI U. Water Resource Development, the Economics of Project Evalua-
   300 pp. $6.50. LC 58-7501.
   An examination of benefit-cost analysis in theory and practice, with special reference
   to flood control, navigation, irrigation and electric power.

497. HIRSHELBERG, JACK, DI. HAVEN, JAMES C., and MILLIMAN, JEROME W. Water
   378 pp. $7.50. LC 60-14355.
A critical analysis of present water supply practices and the presentation of a case for the application of principles of efficiency and economy to an industry which overbuilds and underprices.


A study of urban flood situations that inquires into how men view the risks and opportunities of their environment, and how this view affects their decisions regarding resource management.


A discussion of the problems of collection and analysis of water data. Includes references to the agencies that collect and publish basic data on water use, occurrence, and related climatic phenomena.


Contrasts downstream and upstream aspects of flood control, and examines the effects of land management.

LEOPOLD, LUNA B, WOLMAN, M GORDON, and MILLER, JOHN P. Fluvial Process in Geomorphology See #382.


A presentation of the development of watersheds as part of the total picture of resource development. Areas covered include benefits from watershed development, the state of economic, hydrologic, geologic, and engineering data, potential investment opportunities in small watersheds, relationship between water and other property rights, and suggestions for fostering optimum watershed development.


A thorough review, although slightly dated, of the problems related to the occurrence and use of sub-surface water.


A classic summation of the regional problems and potentials of major U.S. river basins, with major contributions by geographers.


An examination of the nature and extent of the flood problem in the U.S., the range of human adjustment to floods, and possible implications for public policy.

505 WHITE, GILBERT FOWLER. Choice of Adjustment to Floods. (University of Chicago, Department of Geography, Research Paper No. 93). Chicago, 1964. 150 pp. $4.00. LC 64-25664.

Examination of conditions in which managers of floodplain property choose among eight possible adjustments to floods. An example of analysis of factors affecting resource management decisions.
16. ENERGY AND MINERAL RESOURCES

Atlases


The only annotated atlas in English devoted exclusively to world minerals. The accompanying text is designed to review the most important technical factors that enter into the exploitation of each of the minerals, the basic processing methods involved, the reserve situation, nationality of control and principal uses of the mineral in our modern economy.

General References:


A country-by-country statistical review of energy resources.


General Works:


Gives economic perspective to physical characteristics of mineral resources.


The volume entitled "Natural Resources" contains two parts. Part I - energy, water, and river basin development, Part II - minerals and mining, mapping and geodetic control.


Major emphasis is placed on iron and the energy minerals. The economic and geographic conditions that circumscribe production are given in detail. The material concludes with a comprehensive discussion of minerals in world affairs.

Works on Special Subjects:


Thorough discussion of the use, potential, and change of energy sources.


Part I - Conditions - physical, technical, human, financial, political - necessary to explain the character of the economy of the sources of energy of the world; Part II - Production of energy, price structure, Part III - Implications of energy production in industrial and commercial activities.


Perhaps the most detailed and authoritative historical-geographical analysis of the electric energy industry of a region in English.
The study of this area affords an illustration of the impact of new power sources upon the economy of an area poorly supplied with fuel. The technique of analysis is applicable to other areas and to power derived from atomic energy.”

FARRER, BRYAN H. Power in New Zealand, a Geography of Energy Resources. See #1266


A substantive study covering solid, liquid, and gaseous fuels as well as electrical energy


Examines the location pattern of coal production using the techniques of linear programming. An excellent example of this technique.


The forerunner of most other writing by geographers on electricity.


Describes the mining, preparation and utilization of important nonmetallic minerals. Contains extensive bibliographies and numerous production charts organized by world regions.


This volume examines the principal facts which influence the contemporary pattern of production and consumption of energy. Emphasis is placed on analyzing the importance of transportation, markets and politics.

O’DILL, PETER R. An Economic Geography of Oil. (Bell’s Advanced Economic Geographies) London: Bell, 1963. 219 pp. $7.50. LC 63-25434.

The supply, demand, refining, transportation and distribution of petroleum are surveyed on a world scale. Major sections are devoted to the evaluation of the industry in relation to economic development


A comprehensive discussion of the world’s oil industry prior to 1950. Oil-bearing areas are the subject of Part One. Part Two describes the organization of the oil industry. Part Three discusses the problems encountered by the industry due to geology, topography, climate, vegetation, accessibility, population, and cultural and industrial development. Part Four deals with the geography of petroleum use.


This volume investigates such basic questions as: What were the likely patterns of energy supply and demand in 1975? What was the relation between energy use and

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economic growth in this country? What is the meaning of the nation's change in recent years from a net exporter to a net importer of mineral fuels?

   Excellent treatment of the physical properties, measurement, and production of electric power from a technical point of view.

   A comprehensive, detailed, and authoritative appraisal of the present and future (to 1980) energy requirements of the United States, and of the Nation's ability to meet these requirements from known and probable reserves of energy sources in the U.S. and in the Western Hemisphere.

17. CONSERVATION AND RESOURCE MANAGEMENT

General Works:

525. BROWN, HARRISON SCOTT. The Challenge of Man's Future; an Inquiry Concerning the Condition of Man During the Years that Lie Ahead. New York: V. King Press, 1954. 290 pp. $3.75. LC 54-6422 PB. Compass Book C3. $1.45.
   A popular account concerned with the earth's ability to support a rapidly growing population.

   A carefully edited volume of scholarly readings stressing the application of scientific methods for optimal use of land and water.

   Despite the population explosion, the ever-increasing decay of nations and the more frequent relapses to barbarism, civilization will survive somewhere on the earth. A popular appeal.

   An original statement of a theory of resource use in terms of the technically possible, the culturally adaptable, and the economically gainful, a total view of resource behavior.

   A popular account of man's misuse of the resource base through history. Man must adopt conservation techniques or civilization will fail.

   A text using the traditional approach to conservation problems, written by a group of specialists and carefully edited

THOMAS, WILLIAM L., JR. ed. Man's Role in Changing the Face of the Earth. See #273.

   A popular account showing graphically the consequences of the misuse and abuse of our natural resources.
ACKERMAN, EDWARD A and LÖF, GEORGE O G. Technology in American Water Development. See #494.

BARNETT, HAROLD J and MORSE, CHANDLER. Scarcity and Growth, the Economics of Natural Resource Availability. See #554.


A cutting report on man's failure to live up to the simple obligation of making sure of the next meal. A study of our already ravaged natural resources and their potential for supporting increased population growth.


A careful and detailed analysis of the major facts and issues concerning land and land policy, especially in the United States. The source book for much of the material in Land for Americans.


A shorter version of the preceeding volume designed for popular appeal and omitting much of the technical data.


Asserts that resources exert their influence in shaping the composition rather than the rate of growth, and that the influence of resources in the United States is neither as compelling nor as immediate as in former times or as important as it is in less developed countries.


A well written appeal for an understanding of the need for conservation, especially wildlife management.


The authors have used indicators developed for analyzing the U.S. economy to study worldwide demand for natural resources and resource products in the recent past and in the year 2000.


A study of conservation problems of the next 50 years through a critical evaluation of practices and results of the past 50 years.


Resource management in England, Sweden, Great Britain, West Germany, Canada, and France are examined in light of what the United States can learn from the experience of these countries.
540. KRUTILLA, JOHN V. and ECKSTEIN, OTTO. Multiple Purpose River Develop-
ment; Studies in Applied Economic Analysis. Baltimore. Johns Hopkins Press, for Re-
A theoretical examination of the economics of river development and an application
to three cases.

541. LANDSBERG, HANS H., et al. Resources in America's Future; Pattern of Require-
the Future. 1963. 1,017 pp. $15.00. LC 63-7233.
A painstaking technical evaluation of the adequacy of America's resource base to
satisfy the needs of continued rapid expansion of productivity. The volume contains many
tables and much technical data.

542. LANDSBERG, HANS H Natural Resources for U.S Growth; A Look Ahead to
A shorter popular version of the preceding volume omitting much of the technical
data.

543. PARSON, RUBEN L. Conserving American Resources. 2nd ed. Englewood Cliffs,
A comprehensive treatment of natural resources. Provides background for each re-
source, a summary of the present status, and recommended conservation practices.

544. STAMP, L. DUDLEY. Land for Tomorrow; the Underdeveloped World. Bloomington:
A series of lectures exploring the possibilities of the "underdeveloped lands" playing
an increasing role in food production for the population explosion. Concludes that the
greatest potential lies in the already developed lands.

WHITAKER, J. RUSSELL and ACKERMAN, EDWARD A. American Resources, Their
Management and Conservation. See #768.

18. GENERAL ECONOMIC GEOGRAPHY

General References:

545. CHISHOLM, GEORGE G. Handbook of Commercial Geography. 17th ed. Rewritten
LC 60-16277.
Especially valuable for the study of commodities. An authoritative source book of
the economic geography of the world.

546. LÜTGENS, RUDOLPH, ed. Erde und Weltwirtschaft, ein Handbuch der Allgemeinen
Deals with principles and patterns of world economic geography, with regional case
studies.

Atlases:

A collection of maps and parallel charts and texts detailing the production and trade
of major commodities and related economic factors. Maps on global basis, with addition
of general regional atlas maps. Emphasis on agricultural and mineral products.

548. GINSBURG, NORTON S. Atlas of Economic Development. Chicago: University of
A series of global maps with accompanying texts and tables depicting, analyzing, and
ranking variables relating to economic development on a national basis.
General Works:

A topical approach to the field, well documented with maps, charts, tabular data, and bibliographies. Rewarding sections on urban geography, location theory and statistical techniques.

Deals with topical economic geography within a broad synthesis of physical, historical, and cultural forces. Well illustrated with maps, plans, and charts.

Topical treatment of worldwide economic geography and economic development.

A well-rounded text with a topical approach. Maps and charts effectively integrated with the text. Aspects of under-development, trade, consumption, and theoretical economic geography are treated.

The most comprehensive treatment available of world agricultural and industrial production. Contains useful concepts concerning utilization of resources.

Works on Special Subjects:

A re-examination of the doctrine of diminishing returns. The study uses U.S. economic data from 1870 to 1957.

Discusses and demonstrates, with examples at several scales, the distance-ordered regulations of the patterns of rural land use.


Emphasizes the geographical aspects of major locational forces operative on manufacturing and concludes with generalized location studies of three major representative industries.

Eleven essays by well-known geographers indicative of the problems in identifying, classifying and interpreting underdevelopment. Contrast between classificatory empiricism and provocative interpretation of local conditions.

A contemporary reformulation of location principles deriving largely from Weber's individual firm approach. The first section of the book discusses factors determining the relative advantages of different types of location. The second part analyzes the causes of locational change. The third section considers the effects of political boundaries as barriers of trade, and the last part examines the aims and methods of public locational policy.


An approach to the development of a general theory of location relating it to regional development, empirical evidence of spatial regularities, the theory of the firm, market and supply areas, agricultural and urban land uses, and international trade theory.

ISARD, WALLER. Methods of Regional Analysis. See #155.


Among the best introductions to the development process.


A major theoretical treatise on the dispersion and location of farms, cities, and manufacturing centers in relation to their environment. It attempts to show how the growth and development of agriculture, manufacturing, and natural resources are inter-related.

PERLOFF, HARVLY S. et al. Regions, Resources and Economic Growth. See #763.


Thirty large-scale studies of localized human activities in varied natural and cultural settings. A balanced collection of studies of primary production (17 studies) with studies of manufacturing (8), services (4), and one study of a firm combining mining, transportation, manufacturing, wholesaling, and retailing.

19. AGRICULTURAL GEOGRAPHY

Bibliographies.


An important guide to the literature, giving good coverage to periodicals, yearbooks, handbooks, dictionaries, encyclopedias, and bibliographies. Organized topically with equal coverage of physical and social science.


A cumulative subject index to approximately 140 periodicals in such fields as: agricultural economics, ecology, soil science and rural sociology.

Atlases:


Maps of major crops and farm animals on a world scale are supplemented by numerous national or regional maps of greater detail. Explanatory text organized by political units is written in a crisp style and adds greatly to the value of the work.

General Works.

CURWEN, ELIOT C. and HATT, GUDMUND Plough and Pasture, the Early History of Farming. See #259


This easily read volume by an agronomist treats the entire world but emphasizes Europe. For each rural economy the climate and soils are discussed and then land use patterns and agricultural methods are analyzed


An example of the numerous French works in this field. Introductory in nature, dealing briefly with the history of agriculture and stressing contemporary problems of production for an expanding population. Emphasis on problems of Europe and the U.S.S.R.


The most comprehensive and authoritative source book on the ecological requirements of crops as distinct from the socio-economic requirements for their production. Numerous maps, tables and graphs are used to good advantage.

SAUER, CARL O. Agricultural Origins and Dispersals. See #269.

Works on Special Subjects:


BIDWELL, PERCY W. and FALCONE, JOHN I. History of Agriculture in the Northern United States, 1620 to 1860. See #748.

CHISHOLM, MICHAEL. Rural Settlement and Land Use, an Essay in Location. See #555.

CLARK, COLIN and HASWELL, MARGARET. The Economics of Subsistence Agriculture. London. St. Martin's, 1964. 218 pp. 30s. LC 64-15874.

A detailed and quite technical analysis dealing with the distribution of arable land and with the costs of and returns from farm production in various areas of subsistence agriculture. Contains a variety of tables and charts.

FREEMAN, THOMAS W. Geography and Planning. See #166.

GRAY, LEWIS C. History of Agriculture in the Southern United States to 1860. See #755.


Agricultural advances and economic development in general will be difficult to attain in the tropics because of very serious handicaps imposed by the physical environment, because of low levels of technology, because of out-dated social conditions and because of insufficient sources of capital accumulation.
MEINIG, DONALD W. On the Margins of the Good Earth, the South Australian Wheat Frontier, 1869-1884. See #1268.


The major thesis is that expansion and intensification of agricultural and forest production from tropical areas is essential and possible. Following an analytical discussion of the reasons for a poor past record the author concludes that the outlook for the future is fair to good.

PAN AMERICAN UNION. Plantation Systems of the New World. See #828.

RUSSELL, SIR EDWARD J. World Population and World Food Supplies. See #295.

TEMPANY, SIR HAROLD A. and CRIST, DONALD H An Introduction to Tropical Agriculture. See #1309.

20. TRANSPORTATION

Bibliographies:

574. BLAISDELL, RUTH F. et al. Sources of Information in Transportation. (Transportation Center, Northwestern University) Evanston, Northwestern University Press, 1964. 262 pp. $5.00. LC 64-3945.
Best available reference for identifying sources of information for all modes of transportation in the United States.

575. SIDDALL, WILLIAM R Transportation Geography, a Bibliography. (Bibliography Series No. 1) Manhattan, Kan. Kansas State University Library, 1964. 46 pp. $0.50. LC 64-64213.
A listing of books and articles in English, particularly those appearing from 1950 to 1963, arranged by general topic, transportation medium, and region. No annotation.

A list of transportation research underway, and of research “gaps” in the field. The former are listed by topic-major forms of transportation, historical studies, and urban studies. A new edition was being prepared in 1964.


General Works:

A general treatise on "circulation," a French concept that embraces both transportation and communication.

An excellent introduction to inland transportation, with emphasis on commodity movements, elements of traffic management, and carrier competition. The first third of the book is essentially a survey of the transportation history and geography of the United States.

An approach to the economic geography of the world in terms of comprehensive treatment of trade and transportation. In this topically organized work, major media of transportation and the principal trade commodities are handled in detail.
A brief, semi-popular presentation of transportation geography that focuses on the political implications of the subject.

**Works on Special Subjects**


A comprehensive treatment of world shipping, sea routes, and hinterlands, with systematic and regional chapters, based on up-to-date statistics. Useful both as a text and as a basic reference volume.

583 CHICAGO AREA TRANSPORTATION STUDY. Final Report (Study Conducted under sponsorship of State of Illinois, Department of Public Works and Buildings, County of Cook, Board of Commissioners of Cook County, and City of Chicago, Mayor, in Cooperation with U.S. Department of Commerce, Bureau of Public Roads) Chicago. 1959-61. 3 v. LC 60-92541.

Perhaps the most comprehensive and significant of the various metropolitan transportation studies currently being used as basic sources for urban planning. The reciprocal relationships among urban structure, land use, and transportation are considered. Important for both factual content and methodology.

584 CHINNY, HIENHAN Freight and the Metropolis, the Impact of America's Transportation Revolution on the New York Region. (New York Metropolitan Region Study No. 6.) Cambridge: Harvard University Press, 1960 211 pp. $4.50. LC 60-8006.

A comprehensive study of the past, present, and prospective patterns of freight handling by all forms of transportation in the New York metropolitan area.


A comprehensive review of urban transportation, with emphasis upon public mass transit and its public policy implications.


A pioneering and methodologically important work that presents "findings of investigations of the spatial pattern of shopping centers in their relation to highway improvements, relationships between highway travel and residential and commercial site selection, and the utilization of highway transportation in relation to the arrangement of customer tributary areas and supplying centers at local, regional, and national levels."


An introductory treatise on port geography that discusses the concepts of harbors and ports, port classification, and port hinterlands.


A detailed discussion of the technical and economic aspects of all phases of intra-metropolitan and inter-city transportation, with particular emphasis upon the planning implications for the metropolis.


This is Volume 1 of an annual series that lists the ports of the world by nation and gives information as to operation, traffic, and available accommodations.

A useful worldwide survey of the physical and human factors that affect the development and operation of railroads. Great Britain and North America are treated in greater detail than other parts of the world.


The most satisfactory treatment to date of all aspects of intra-metropolitan transportation development and problems.


A useful pioneering effort to chart the geographic implications of a relatively new medium of transportation. A general background discussion is followed by brief analyses of world air routes and air traffic patterns in Europe, the United States, and the "under-developed areas.

593 SIEGFRIED, ANDREI. Suez and Panama, tr. from French by H. H. and Doris Hemmings New York, Harcourt, Brace, 1950. 400 pp. $3.00. LC 40-32695.

A general, semipopular study of the historical and economic geography of the world's two most important canals.


An important geographic treatment of American rail and water transportation, and the problems of spatial interaction, with particular emphasis on flow maps and maps of the origin and destination of commodities among the 48 states.


Presents mathematical models relating accessibility and land-use, demonstrates the role of internal transportation in ordering the urban structure.

21. MANUFACTURING GEOGRAPHY

General Works.

SINALL, R. C. and BUCHANAN, R. OGILVIE. Industrial Activity and Economic Geography, a Study of the Forces behind the Geographical Location of Productive Activity in Manufacturing Industry. See 556.


This volume presents a survey of world manufacturing both regionally and systematically. The primary purpose is to describe and analyze the complex areal patterns associated with manufacturing.


Important statement of the geographical factors involved in industrial location.

598 WILBLER, ALFRED. Theory of the Location of Industries, tr. from German by Carl J. Friedrich. Chicago, University of Chicago Press, 1957. 256 pp. $5.00.

One of the earliest statements of industrial location theory and the basis for most later work. Stressess the role of transport costs and the role of labor costs.

Works on Special Subjects.

599 ALVIRA, JOSEPH. The Location of the Synthetic-Ither Industry, a Case Study in Regional Analysis. (Regional Science Studies, Vol 2) Cambridge, Published jointly by the Technology Press of M.I.T. and Wiley, 1959. 303 pp. $11.50. LC 59-9330.
Analysis of one of the most rapidly growing industries in the world and its potential development in such areas as Puerto Rico and the American South. Develops the approach of interregional comparative cost analysis.

ALLXANDERSSON, GLUNNAR The Industrial Structure of American Cities, a Geographic Study of Urban Economy in the United States. See #745.


The author has traced the location of the American aircraft industry from its earliest days to 1950, analyzing the factors that influenced its locational pattern in each period. This is one of the few studies of the locational pattern of a single industry.

DALES, JOHN HARKNESS Hydroelectricity and Industrial Development. Quebec, 1898-1940. See #514.

FUCHS, VICTOR R Changes in the Location of Manufacturing in the United States since 1929. See #754.


The location of two important American industries are examined historically. From this analysis, a set of tools have been developed that apply to a whole range of locational problems. Practical and theoretical approaches are reflected in the treatment of the industries.


Develops the industrial complex approach to analysis, "a new approach which aims to complement and cultivate the area between input-output and linear programming methods, and individual industry comparative-cost study." Intended for fields of regional science, industrial geography and location, and regional economics and planning.

McCARTY, HAROLD II. The Measurement of Association in Industrial Geography. See #161.

603 MOUNTJOY, ALAN B Industrialization and Under-Developed Countries. (Hutchinson University Library Geography) London. Hutchinson University Library, 1963. 222 pp. $3.00 LC 64-4891.

Deals with the concept of under-development, population problems, industrialization, role of the physical environment, and the record of industrialization in five national case studies.

604 HUNKLR, HENRY and WRIGHT, ALFRED J Factors of Industrial Location in Ohio Columbus. Ohio State University, Bureau of Business Research, 1963. 147 pp. LC 64-63378

This study reviews Ohio's present position in the nation's industrial economy, and presents a summary of some of the major forces affecting industrial change. It is the result of a study of more than 500 industrial plants established in Ohio since World War II.

605 POUNDS, NORMAN J G The Geography of Iron and Steel. (Hutchinson University Library Geography) London Hutchinson University Library, 1959. 192 pp. $3.00. LC 60-599

The purpose of this book is to survey the world's resources for the iron-smelting and steel-making industries and to analyze the development of these industries in the major producing countries.

POUNDS, NORMAN J G The Ruhr, a Study in Historical and Economic Geography. See #796

U.S. NATIONAL RESOURCES PLANNING BOARD Industrial Location and National Resources. See #767.

This volume presents basic guidelines to scientific plant location. Major chapters consider transportation systems, competitive advantages in raw material sources and markets, labor availability and costs, power, taxes, climate, site selection, and community analysis.

22. MARKETING


One of the first manuals for procedures in retail store location, with special attention to location needs by store types.


A broad theoretical study of the role of marketing mechanisms in ordering the geographies of both production and consumption.


A systematic review of research techniques utilized in surveying market areas and in evaluating qualities of site for a specific industry.


Methods used by a practicing location consultant in assessing the value of specific sites for various types of businesses, and for analyzing new planned shopping centers.


The pioneering study in using traffic analysis as the basis for determining trade patterns.


Study of major store types in 24 Central Business Areas to verify the hypothesis that retail spatial structure assumes a predictable form in its relation to consumer buying behavior.


Analysis of the retail structure of the city as it has evolved in response to both market factors and the operations of the firm.


An historical and morphological study of the trade center and the trade route as reciprocally related elements of the geographical environment.

23. URBAN GEOGRAPHY


An annotated, critical bibliography of over one thousand items centrally or peripherally concerned with central place theory and its application to specific areas, containing, also, a noteworthy summary of the theory as developed by Walter Christaller.

Comprehensive, thoroughly annotated bibliography covering urban planning. Includes sections on commercial areas, community facilities, industrial areas, and land use.

CHAPIN, F. SILVAIN, JR. Selected References on Urban Planning, Methods and Techniques. Durham, N C: University of North Carolina, Department of City and Regional Planning, 1963. $3.00.

Includes books and articles on (1) The Urban Economy, (2) Population Studies, (3) Studies of Activity Systems, (4) Studies of Urban Environmental Setting, (5) Land Use Planning, and numerous references to more specific aspects of urban planning.

General Works


Broad observations on the cities of the world, analysis of the city in terms of spatial organization, function, regional setting, and future development. Extensive bibliography.

DICKINSON, RUBERT L. City and Region. London: Routledge, 1964. 588 pp. $12.00

A major contribution to knowledge of the size, spacing, and external relations of cities, which also deals with the physical and social regions of the city and with the concept of a region. Oriented to geographers and planners.


Concerned with the origins, location, internal structure and external relations of a number of cities. A comparative urban geography of worldwide scope, but emphasizing western Europe.


Up-to-date comprehensive survey of urban studies by the various social sciences: history, geography, political science, sociology, and economics. Rich bibliography. Harold M. Mayer surveys urban geography, Norton S. Ginsburg, the urban geography of "Non-Western" areas, and Brian J. L. Berry, the research frontiers in urban geography.


A recent and major collection of theoretical and other papers dealing with urban geography, contributions from leading scholars all over the world.


A selection of 54 articles by geographers and other social scientists on urban functions, and on the structure, distribution, and growth of cities.


An urban geography covering the origin, functions, and morphology of cities with particular emphasis on British examples.

Works on Special Subjects:

ALIXANDERSSON, GNUNAR. The Industrial Structure of American Cities, a Geographic Study of Urban Economy in the United States. See #745.

The relationship of agricultural rent theory to transportation cost is amplified by
consideration of other factors to help explain the locational aspects of urban, especially
residential, land uses. The approach employs equilibrium analysis and is mathematically
oriented.

626. BARTFOLIEM, H. Land Uses in American Cities. (Harvard City
LC 55-5059.
Comparison of land uses and patterns in a large number of central and suburban
cities, using comparable definitions, by a planning consultant primarily concerned with
zoning and land use regulations.

627. BLERRY, BRIAN J. L. Commercial Structure and Commercial Blight, Retail and
Processes in the City of Chicago. (University of Chicago, Department of Geography, Re-
Develops mathematical models describing the relationships between types and de-
grees of urban blight and types of commercial land use. Based on intensive field work
and extensive statistical data.

628. UNIVERSITY OF CALIFORNIA, INTERNATIONAL URBAN RESLARCH. The World’s
LC 59-5743.
A monumental comparative study of territorial extent and population of the world’s
metropolitan areas as of the 1950’s. Includes a brief analysis of problems of delimiting
urban boundaries and a short description of procedures used by IUR. Lists world’s
metropolitan areas of more than 100,000 inhabitants.

629. CHAPIN, F. STUART, JR. Urban Land Use Planning 2nd ed. Urbana: University
of Illinois Press, 1965 498 pp. $7.95 LC 64-18666.
A summary of the determinants of urban land use, of the types of studies that are
basic to urban land use planning, and of the practical steps in such planning. The theo-
etical background for urban land use planning is more fully developed in second edition
than in the first.

630. CHRISTALLER, WALTER. A Critique and Translation of “Die Zentralen Orte in
Suddeutschland.” tr. by Carlisle Baskin. (University Microfilms, Ann Arbor, Michigan
Christaller’s work, originally published in Germany in 1933, is the original classic
statement of central place theory, a major contribution to urban geography, developed as
a “general, purely deductive theory to explain the size, number, and distribution of
towns” in the belief that “there is some ordering principle governing the distribution.”

631. FIREY, WALTER. Land Use in Central Boston. (Harvard Sociological Studies,
Important investigation of the role of values in the evolution of land use patterns.

632. GLIDDLES, PATRICK Cities in Evolution. rev. ed. New York: Oxford University
A “venerable classic,” first published in 1915, that is still important food for thought.

633. GIST, NULL P and SAVIA, SYLVIA F. Urban Society, 5th ed. New York: Crowell,
1964. 623 pp. $7.50 LC 64-11803.
The most recent edition of a standard comprehensive text in urban sociology, with
emphasis upon the spatial or “ecological” structure of cities.

LC 47-337 rev.
One of many important works by Gutkind. Considers urban settlement in a variety
of cultural areas.

635. KOTLMANN, J.JAN. Megalopolis, the Urbanized Northeastern Seaboard of the United
States See #772.
HIGBEE, EDWARD C. The Squeeze, Cities Without Space. See #731.

HOOVER, EDGAR M. and VERNON, RAYMOND. Anatomy of a Metropolis, the Changing Distribution of People and Jobs within the New York Metropolitan Region. See #733.


636 LYNCH, KEVIN. The Image of the City (Publications of the Joint Center for Urban Studies) Cambridge, Mass. Technology Press, 1960. 194 pp. $7.50. LC 60-7362. The elements of the city's form as visualized and conceived by those living in it, and by trained observers. The city of conception is contrasted with the city of reality in three case-studies.


639. MUMFORD, LEWIS. The Culture of Cities. New York, Harcourt, Brace, 1938. 586 pp. $8.75. LC 38-27277. A wide-ranging historical and philosophical work that seeks to establish the basic principles upon which the "human environment-buildings, neighborhoods, cities, regions-may be renovated, and in so doing offers an extremely valuable historic-geographic survey of the Western city.

640 MUMFORD, LEWIS. The City in History: its Origins, its Transformations and its Prospects. New York, Harcourt, Brace, 1961. 657 pp. $11.50. LC 61-7689. A summary of Mumford's life-work. To the earlier "Culture of Cities" (1938) are added extensive sections on the origin of the city, its transformation (up to medieval times), and the history of the suburb. The work is largely restricted to the Western City.

641 OWEN, WILFRED. The Metropolitan Transportation Problem. See #591.


644. SJOBLEGG, GIDION. The Preindustrial City, Past and Present. New York, Glencoe Free Press, 1960. 353 pp. $6.95. LC 60-10903. An attempt to ascertain the unifying characteristics of the city price: to the onset of the industrial revolution, of particular interest to urban geographers is the first part dealing with the origin of cities and the internal structure of the preindustrial city. 70


647. VERNON, RAYMOND. Metropolis, 1985, an Interpretation of the Findings of the New York Metropolitan Region Study. (New York metropolitan region study, 9) Cambridge. Harvard University Press, 1960. 252 pp. $5.00. LC 60-15243. This is the concluding summary of a nine-volume New York Regional Study. The other volumes, dealing with transportation, manufacturing, and various services, are also quite useful for descriptions of New York and suggestions for the development of this large agglomeration.

WINGO, LOWDON. Transportation and Urban Land. See #595.


24. RECREATIONAL GEOGRAPHY

General Works:


Works on Special Subjects


25. MILITARY GEOGRAPHY

Bibliographies:

653. PELTIER, LOUIS C. Bibliography of Military Geography. Washington: Military Geography Committee, Association of American Geographers, 1962. 76 pp. (mimeo) The most complete published bibliography of books and articles, with emphasis on those in English, German and French, but containing sources in a number of other languages as well.
Atlases.


The two volumes contain 412 maps from the Colonial through the Korean Wars, each accompanied by a descriptive text. Topography, transportation routes, troop disposition and troop movements are covered.

General Works:


The best known military treatise in the western world. This work contains several significant sections on topics of military geographic interest, e.g., Space, Geometrical Elements, Country and Ground, and a number of special environmental conditions.


Revised through eleven editions of changing content and title. Emphasis is on British worldwide resources and commitments with no conceptual material presented.


A symposium by a group of well known scholars, containing chapters on the major strategic thinkers of the period covered.

658 HAUSSFLER, KARL. Wehr-Geopolitik, Geographische Grundlagen einer Wehrkunde. Berlin Junker and Dünnhaupt, 1941. 195 pp. LC 43-42490

A classic in military geography and geopolitics.


The classic U S work in military geography, this example of the science of relationships school is based on field work for the Inquiry carried on after WW I by Isaiah Bowman and his corps of scholars.


Of interest to military geography both for its discussion of strategic intelligence and for its treatment of the problem of regional versus systematic intelligence.


A world regional geography text with some emphasis on the "geopolitical prospectus" of each major region. The best example of the several similar texts used by the U.S. Military Schools.
PART IV. REGIONAL GEOGRAPHY

1. GEOGRAPHY OF THE ANCIENT AND MEDIEVAL WORLD

BLUNBURY, SIR EDWARD H. A History of Ancient Geography among the Greeks and Romans. Sec. 1897.


A region-by-region account of the physical and human geography of the areas accessible to the Greeks and Romans, and how geographical fact interacted with historical events and conditions. An invaluable aid for anyone studying the geography of the classical period.

663. HLAODOTUS Histories ed. by E. H. Blakeney and tr. from Greek by George Rawlinson (Everyman's Library, reissue) New York. Dutton, 1964. 2 v. $1.95 each. LC 64-3686.

The world of the 5th Century B.C. Greeks as reported by the indefatigable traveler who is often called the Father of Geography. Still a basic mine of information on the ancient world.


A readable and highly informative first-hand travel account of nearly all the 14th Century Islamic world by a widely travelled author.


A remarkable encyclopedic work covering much of the historical and scientific knowledge of medieval Islam by a writer whose keen analytical approach and advanced thinking on the philosophy of history have earned him a reputation as perhaps the first modern historian-or geographer. Most of the immediately geographic material is in Volume I.


A collection of essays on a broad range of topics within the range indicated by the title.


An account of Polo's protracted journeys in the Far East that had a major impact on late Medieval European notions about the area. Still a major source for the early history and geography of Eastern Asia.


An encyclopedic account of all the provinces of the Roman Empire and of other regions known to the Romans. Regarded by its contemporaries and others since as the most basic and reliable source of geographic data on the classical world.


European science and beliefs in the period 1100-1250. This work is principally historical, but relates geography to classical and medieval thought, religion, and science.
An excellent demonstration of how a first-rate historian of geography handles basic documents.

2. ANGLO-AMERICA

Bibliographies:

CANADA, DEPARTMENT OF MINES AND TECHNICAL SURVEYS, GEOGRAPHICAL BRANCH. Colonization and Settlement in the Americas, a Selected Bibliography. See #823.


As extensive bibliography of virtually every aspect of American life and civilization, in addition to historical topics.


A selection of 6,486 titles, liberally annotated, that afford an excellent introduction to every variety of study related to the United States.

Serials:

Note. American journals of general geographic interest are cited elsewhere in this list.

673. CAHIERS DE GÉOGRAPHIE DE QUÉBEC. (Institut de Géographie, Université Laval, Quebec) 1-(1956-). Two nos. a year.

"Devoted to French Canada and general questions of geography. Book reviews. Notes and news. Section on teaching of geography." (Harris)

CANADIAN GEOGRAPHER. GÉOGRAPHIE CANADIEN. See #14.

675. GEOGRAPHICAL BULLETIN (Canada, Department of Mines and Technical Surveys, Geographical Branch) 1-(1951-). Irregular but about twice a year. $3.50 a number.

"Original research articles on diverse aspects of the geography of Canada or its parts. Map notes. Book notes." (Harris)

676. REVUE DE GÉOGRAPHIE DE MONTRÉAL. (formerly, Revue Canadienne de Géographie) 1-(1947-). 2 nos. a year. Department de Géographie, Université de Montréal, C.P. 6128, Montréal 26, Quebec. $6.00.

Although this periodical specializes in French Canada, it is not restricted to the region and is of general interest. Mainly in French, but some articles in English.

Atlases.


Plates illustrating the geographic background of American social and economic development and historical events, with brief explanatory text and captions.


A series of general physical, population, and historical plates followed by detailed maps of the physical resources of the Province. Brief accompanying text.


One of the great national atlases of the world. Double-page, full-color plates, many with large-scale insets, presenting all major aspects of Canada's geography. No text.

Small-scale colored plates illustrating many aspects of the state's geography past and present. Brief captions and text.


This attractively done multi-volume work is both the most ambitious and the most successful of the various state or regional atlases produced in the United States. To date the following numbers have appeared:

Section 1: Water Resources and Climate. 1958. 58 pp.
Section 2: Mineral Resources. 1959. 59 pp
Section 5: Manpower Resources. 1963.


A major contribution to the study of Canadian historical geography. A combination of specially compiled plates, contemporary drawings, and brief commentary that illuminate all significant aspects of Canadian exploration, settlement, socio-economic development, and international relations.


One-color plates, along with brief text, dealing with the general geographic background of the nation, historical events, settlement, social and economic changes, and military and other aspects of historical geography.


One of the truly mighty monuments of American historical and geographic scholarship. Some contemporary drawings are reproduced, but most of the plates - dealing with a broad range of physical, historical, social, political, and economic topics - were painstakingly compiled from multiple sources. Detailed notes on source materials. An indispensable volume.


This atlas - unfortunately never carried through to complete fruition - is the nearest and best approach to date to a genuine national atlas. The six separate folios deal only with the physical geography of the country, but do so in authoritative fashion, with detailed, carefully rendered plates and explanatory text.


The hundreds of small-scale maps in this atlas deal clearly and simply with every imaginable aspect of American climate for which usable data are available.


The full-color plates and accompanying text in this superb publication deal with
Manitoba's resource base, population and settlement, and resource use. As good a regional atlas as has yet appeared on this continent

General Works


690 MEAD, WILLIAM R. and BROWN, L. H. The United States and Canada, a Regional Geography (Hutchinson Advanced Geographies) London. Hutchinson, 1962. 368 pp. 35s. NUC 63-33734

A regional approach to the subject by two well-informed British geographers. More readable than most and full of sharp comment


Part I of this work handles the geography of Anglo-America topically, but most of this better-than-average text consists of regional discussions.


A broad geographical view of the United States and Canada - both systematic and topical in approach - by a Scottish geographer. The development of North America is related to the exploitation and conservation of resources.


A standard text that deals in turn with each of fourteen major regions.

694. SIEGFRIED, ANDRE. America at Mid Century. tr. from French by Margaret Leddesert New York. Harcourt, Brace, 1955. 357 pp. $5.75. LC 55-7422

A refreshing, deeply perceptive, highly readable view of the nature of the American land and people by a widely travelled French geographer. Organized by major themes.


A highlyribale and most readable standard text that deals with the continent in terms of intimate knowledge and understanding. Organized regionally.


The approach in this richly detailed standard text is a regional one.

697. WRIGHT, ALFRDL D J. The United States and Canada. a Regional Geography. 2nd ed. New York. Appleton-Century-Crofts, 1956. 590 pp. $7.00. LC 56-5053

After discussing the physical resources and general economic geography of Anglo-America in its opening chapters, most of this book is devoted to a series of regional analyses.

698. WRITERS' PROGRAM. The American Guide Series. No standard entry is possible for this indispensable collection of scores of regional and local guidebooks compiled and published by the W.P.A. Writers' Program from the mid-1930's to 1942. Each state is represented, many of the larger metropolises, and a number of smaller places or rural tracts of special interest. Although much of the information is obsolescent after a quarter-century, the essays on major aspects of the history, geography, society, and culture of the area and spot data on its points of interest still have not been superseded by any other series. The books have been kept in print by commercial publishers. For a complete list see. WRITERS' PROGRAM. Catalogue, WPA Writers' Program Publications, the

Works on Special Subjects:

### Historical Geography


As the title indicates, this is literally the transcript of a series of lectures in one of the most celebrated courses of its kind. If any single theme or subject dominates, it is the advance of the frontier and the interaction of man, land, and historic circumstances in the frontier zone.


Accounts of four major post-Civil War surveys led by Powell, Hayden, King, and Wheeler.


The regional geography of the United States in 1810, as it might have been written by a contemporary geographer. An interesting and informative experiment in scholarship.


A scholarly, well-written narrative and geographic analysis of the settlement and occupation of the major regions of the United States until 1870. Still the best and most comprehensive essay of its sort.


An unusually thorough and well-documented account, particularly valuable for its many references to and excerpts from Federal reports and maps.

704. MACKINTOSH, WILLIAM A. and JOERG, WOLFGANG L. G. eds. Canadian Frontiers of Settlement. Toronto. Macmillan, 1934-40 8 v. (Volumes are numbered 1, 2, 4-9; Vol. 3 was never issued.)

This monumental series of monographs deals exhaustively with every aspect of pioneer history, economy, and life for each major segment of the frontier.


A definitive essay on the first tentative experiments in eastern Ohio with the system of land survey soon to be adopted for the entire national domain. Rich in sidelights on the historical geography of the period and region.


Despite its overemphasis on the impact of the physical environment, this remains a classic work in the geographic literature. Its major preoccupation is the geographic factors behind major historical events, such as the advance of the frontier or the Civil War.

707. HAWallis, R. LILIAN GOLD, ed. Early Western Travels, 1748-1846, a Series of Annotated Reprints of Some of the Best and Rarest Contemporary Volumes of Travel Descriptive of the Aborigines and Social and Economic Conditions in the West and Far West During the Period of Early American Settlement. Cleveland. A. H. Clark, 1904-1907. 32 v. LC 4-6902.

77

Thirteen collected essays, led off by the epochal "Significance of the Frontier in American History" by the historian whose ideas concerning the pivotal importance of the frontier experience for the whole of American life have had a major impact on both geographers and historians.


Continuation to 1962 and Revisions. 1965 154 pp. $1.00.

Time series, from the earliest possible date up through the 1950's, for hundreds of important statistical items A major statistical achievement and an indispensable reference.


Broad regional coverage of the landforms of the United States and Canada. Well illustrated, relatively brief treatment of each region.


One of the classic statements on the principles of physiography as illustrated by discussing the landform regions of the United States.


A detailed, classic study of the vegetation of eastern North America, with special emphasis on the central Appalachians.


This volume and its companion work on the eastern United States remain the standard reference on the subject of American landforms despite a strong emphasis on genetic processes that almost excludes description of present-day morphology.


See preceding item.


A naturalist surveys the desert regions of North America.


A sprightly month-by-month semi-popular description of American weather, with sidelights on meteorology and general climatology.


A broad survey of U S mineral resources from both the geological and economic standpoints.

A detailed analysis of each of the major floristically defined ecological zones of North America. Some discussion of climate and fauna. Bibliography

720 SHIMER, JOHN A. This Sculptured Earth - The Landscape of America. New York: Columbia University Press, 1959. 255 pp. $7.50 LC 59-10628


An ampliy illustrated description and genetic analysis of each of 27 major landform regions. A sound and well-informed text.


A comprehensive treatment of minerals in the United States, with particular reference to the development of submarginal resources. A balanced and uniform coverage of different commodities to facilitate the comparative study of minerals.


The most comprehensive and authoritative treatise to date on the nation's forest resources and the problems of dealing with them.

Human Geography


This massive book, based largely on official statistics, is a fundamental reference work on the population characteristics of the United States.


A comprehensive comparative description and interpretation of native American culture from the Arctic to Panama. An authoritative treatment that takes up in turn each of a score or more of major topics.


A treatment in depth of the social and economic ties between American cities and their hinterlands, i.e., the metropolitan integration of the country. The approach is both general and theoretical on the one hand and specific and local on the other.


A lively, semi-popular survey of the problems being encountered by the rapidly expanding cities of mid-Twentieth Century America.

The regional concept explored, historically and regionally, and in its manifestations in various cases of American culture by fifteen prominent scholars.


A masterly synthesis of what is known about the location, population, ecology, and cultural identity of the aboriginal groups inhabiting all of North America during immediate pre-contact time.


Analysis and interpretation, through text and maps, of the spatial distribution of selected elements in the American vocabulary, and a tentative postulation of linguistic regions for the Eastern Seaboard.

35. NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, COMMITTEE TO SELECT TOPOGRAPHIC QUADRANGLES ILLUSTRATING CULTURAL GEOGRAPHY Rural Settlement Patterns in the United States as Illustrated on One Hundred Topographic Quadrangle Maps. Washington. 1956. 56 pp. LC 56-60043.

A listing of the maps, covering all 48 states in the conterminous U.S., and brief comments.


An exhaustive list of all pertinent material published up through the time of editing. More recent supplements have been appearing in the American Name Society's journal Names. Arranged by state and province. Author and subject indices.


Looks perceptively at several facets of American culture, relying mainly on the historical approach. By a writer who is novelist, historian, linguist, and general student of Americana.


An authoritative account, chiefly organized along historical lines, of the major characteristics of the American population past and present. Some maps and numerous tables.


An authoritative survey of the rural sociology of the United States by topic and region that contains a wealth of data and ideas for the geographer.


The only well-rounded discussion of the evolution of the American urban landscape yet published - and a good one. Many valuable sidelights on the general historical geography of the nation.


One of the better representatives of the recent spate of books on the befouling and "uglification" of the American scene - the problems and some possible solutions.

80

A demographic treatise on the Canadian population.

742. WISELL, CLARK Indians of the United States, Four Centuries of their History and Culture. New York: Doubleday, 1944. 319 pp

The development and character of Indian culture in pre-Luopean and modern times. Each region or major cultural group is dealt with in turn.

**Economic Geography**

ACKERMANN, EDWARD A. Technology in American Water Development. See #494.


An analysis of the economic and locational characteristics of American manufacturing, industry by industry. The final section deals with recent shifts in pattern.


An analysis of all cities with more than 10,000 inhabitants and of the various classes of economic activity in terms of employment and of "basic" versus "non-basic" functions. Already a well-established "classic."


A paperback based on the much bulkier "America's Needs and Resources" by J. F. Dewhurst (see #755) while not geographical in approach, it presents much material of intense interest to the geographer.


Lists 378 relevant items, most of them annotated.


An interpretative account of the development and distribution of agriculture from the first settlements in New England to 1860. Numerous footnotes to original sources. (See also: #755.)


An encyclopedic, illustrated survey of the economic and population characteristics of the United States, as organized regionally according to Bogue's system of State Economic Areas. Contains a great wealth of detail.


An economic appraisal of the use and management of Federal lands.

CLAWSON, MARION, HILL, BURNELL, and STODDARD, C. H. Land for the Future. See #533

A useful summary of perhaps the most comprehensive of recent analyses of a host of related land-use problems

CLAWSON, MARION Land and Water for Recreation—Opportunities, Problems, and Policies See #649


An exhaustive and useful compendium on problems of present and future resource exploitation.

754 ELCHS, VICTOR R. Changes in the Location of Manufacturing in the U.S. since 1929. Social Science Research Council, Committee on an Analysis of Economic Census Data, Economic Census study, 1) New Haven Yale University Press, 1962. 566 pp. $10.00 LC 62-8244.

An exhaustive and useful compendium on problems of present and future resource exploitation.


Also Gloucester, Mass. Peter Smith. 2 v. $16.00. A reprint.

This companion volume to Bidwell's treatise (see 748) traces changes in the nature and location of farming in the South, with numerous references to original materials.

GLICK, LUTHER J. American Forest Policy See #432


A broad and readable survey of the eleven farming regions into which these agricultural economists have divided the nation.


Regional differences in farming in terms of soil, water, and conservation problems. Less technical than the author's "American Agriculture."'


A detailed agricultural geography of the United States. Essentially regional in approach, it includes numerous type studies of individual farms.


A solid, but digestible, appraisal of conservation in the United States, past, present, and future, written from a missionary point of view. Each resource is evaluated in terms of its role in the general economy.

LANDSBERG, HANS H. Natural Resources for United States Growth. See #542.


A brief, but unusually good, introduction to the physical and historical geography of the country, followed by detailed analyses of land-use patterns based primarily on discussions of characteristic aerial photos.


A regional approach to the economic resources of the United States and their exploitation. This work is on a general geographic text.

762. McLAUGHLIN, GLENN L. Growth of American Manufacturing Areas, a Comparative Analysis with Special Emphasis on Trends in the Pittsburgh District (University of
A thoroughgoing statistical analysis and interpretation of changes and inter-regional differentials in industrial workers, population, and value added, for American manufacturing as a whole.


A major study that examines regional differences in economic growth in the United States, and the impact of changing locations of industry on regional economies. Includes an evaluation of possible methodologies.


A brief, but useful, historically oriented approach to railroad development and problems.


Essentially an atlas of recent characteristics of American farming. Some tabular material and brief explanatory text.


A valuable symposium on the nature of the use and conservation of agricultural land past and present, land tenure, and future planning.


Deals with the ecology and management of soils, trees, grass, water, minerals, the wild biota, and recreational resources.

Regional Works.

Northeastern States


First published in 1939.

A classic study explaining the growth of New York, with emphasis on factors other than the Erie Canal.


A collection of studies on the geographic background of the region and its various economic and social problems.


A thorough, carefully executed geographic analysis of past and present population characteristics for the state and its principal regions. A type example of its genre.

A detailed geographic interpretation of the area between Portland, Maine and Washington, D.C. - the prototype of the super-metropolitan agglomeration resulting from the coalescence of cities into a nodal region. Well-written in the rich tradition of French regionalism, it deals with the historical, physical, social, political, and economic aspects of the region.


The introductory work in a series of volumes on the New York metropolitan region. Valuable in terms of economic concepts and factual data for the world's largest city, but weak in geographic methodology.

The Settlement, Economy, and Transport Network of North Carolina in the 1770's reconstructed painstakingly from all possible sources in a model study of historico-geographic method.

A comprehensive survey and interpretation of the society and economy of the South, both as a total region and in its constituent regions.

A multi-faceted regional study by the noted French geographer. This is almost unique as a full-dimensional geographical monograph on an American Region.


A recently edited version of perhaps the most important and perceptive first-hand account of land, labor, and society in the ante-bellum South. The work of this gifted social
critic and landscape architect remains a basic source for the historical geography of the South

The standard geographic text on the South. The approach is primarily a topical one.

Although written by a sociologist, there is much in this highly intelligent treatment of the society, culture, land, and economy of the region that will interest the geographer.

North Central States and the Great Plains

783. BOYD, RONALD H ed. Regional Development and the Wabash Basin (prepared in cooperation with the Wabash Valley Advisory Committee of the Council on Community Development, University of Illinois) Urbana: University of Illinois Press, 1964. 224 pp. $6.95. LC 64-12252
Fourteen essays on all major aspects of the present economy and resource development of the Wabash Basin and the problems of future development, with special emphasis on water management.

This collection of essays on the constituent sub-regions of the Middle West is the standard text on the region.

The historical and agricultural geography of Kansas and neighboring states, and American conceptions concerning grasslands are discussed and interpreted in a stimulating fashion by a major regional historian.

786. MCMAHAN, DOUGLAS R. The Initial Evaluation and Utilization of the Illinois Prairies, 1815-1840. (University of Chicago, Department of Geography, Research Paper No 94) Chicago 1964 109 pp. $4.00. LC 64-23588
A detailed analysis of the reasons for the relatively retarded occupancy by Middle West pioneers of one of the world's richest agricultural tracts.

A full-scale study of a major new transportation route and its impact on the trade and general economy of the Middle West's leading city.

This doctoral dissertation, one of the first of its kind, was an important model for American regional geography for some years to come, and is still a valuable source of information on a region of considerable physical and historical interest.

A study of bio-geography and general ecology and the effects of drought and over-grazing.

This is one of the classics, a seminal work on the trials and errors of human-land settlers in a subhumid environment. Cultural, technological, and physical factors are dealt with in satisfying fashion.

The West


The Rocky Mountain region viewed from many angles — geologically, historically, scenically, and anecdotally — by a geographer who made them his lifelong study.


A topical approach to the various physical and human aspects, past and present, of the 50th state.


The origins, domestication, diffusion, and cultural significance of maize, squashes, beans, and other aboriginal foodplants in the American Southwest.


An unusually comprehensive systematic geography of Washington, Oregon, Idaho, and western Montana by 30 authors, including specialists in other fields, as well as professional geographers.


A comprehensive, well-informed survey of the history and the current political, social, and economic problems of the 50th state.


A highly detailed geography of the state organized in terms of its quite varied subregions.


A major work on the origins and character of the distinctive Mormon settlement pattern.


A classic first-hand account of a major immigrant route in the 1840's and of the unsettled country through which it ran.


A reissue of the classic report of 1879, one that marked the development of a distinctive approach to arid land development and laid the basis for modern irrigation policy.


A detailed analysis of the Alaskan Panhandle.


A detailed work on the opening of the West.
A study of Lowell's career as explorer and scientist-statesman, of the evolution of Federal policy toward the Western lands, and of the early years of the U.S. Geological survey.


A topic-by-topic geography of California, Arizona, Nevada, and Utah by 32 authors.

Canada


A systematic analysis of the geographical setting and human geography of Montreal, one of a series of volumes on French Canada by a veteran French regional geographer.


The emphasis in this detailed, largely regional, examination of Ontario landforms is on glacial features.


A detailed, historical geography of Canada's smallest province that emphasizes changes in land-use and farming.


One of the better geographic texts on Canada. As the title indicates, the approach is regional.


A stimulating interpretation of Canada's broad geographic features, with emphasis on the human elements, by a major French geographer.


The historical and human geography of Canada is shown as strongly influenced by an economically marginal physical environment in this detailed text illustrated by the author.


An exhaustive monograph and the standard repository for information on all aspects of the physical and human geography of Labrador.

3. LATIN AMERICA

Bibliographies and Basic References.


A convenient reference with a wealth of statistical data effectively arranged for both scholar and layman.


A carefully edited guidebook, directed to a British audience, that contains many use-
tional historical and economic items, in addition to the usual geographical information and details for the general traveler.


A selected, annotated bibliography of the more important recent publications on Latin America. A highly useful bibliographic tool for students interested in the literature of the humanities and the social sciences (including geography).

813 PAN AMERICAN UNION, DEPARTMENT OF ECONOMIC AFFAIRS. Annotated Index of Aerial Photograph Coverage and Mapping of Topography and Natural Resources Undertaken in the Latin American Member Countries of the OAS. Washington 1964-65. 19 v. $3.00 each.

An exhaustive, country-by-country inventory of all known aerial photography, topographic and planimetric mapping, and maps of geology, soils, and land capability, vegetation, ecology, land use, and forests. The photos and maps are located on index maps and also given full bibliographic citation. A basic research tool.

General Works

814 RB VISTA CIAO MEXICO (Pan-American Institute of Geography and History, Commission on Geography). L-A (1941-) 2 numbers a year. The Editor, Instituto Pan-American de Geografía e Historia, Comisión de Geografía, Av. Churchill, 129, 12° andar, S. 1201, Rio de Janeiro, Brazil. A Latin American geographical serial covering all the Americas. Original articles, extensive bibliographical sections, reviews and notes on recent publications, obituaries, professional news and reports from the Institute and various nations. In English, Spanish, and Portuguese, the Spanish and Portuguese articles have English summaries.


A brief, overall treatment of Latin America intended primarily for high school use, but adaptable for beginning college courses.

816 MB O'BRIEN, ANDREW VON and BONILLA, AIMÉ. Personal Narrative of Travels to the Equinoctial Regions of the New Continents during the Years 1799-1804. Tr. from French by Helen Maria Williams. London: Longman, 1814-29. 7 v. LC 1-20782.


A classic work, possibly the greatest of the general accounts of Latin America, and still timeless in its value as a reference.


Widely used as the standard text and reference on Latin America. Regionally organized, and particularly strong on Brazil.


Abridged version of one of the principal early Colonial sources on the lands and peoples of the "West Indies," i.e., Spanish America - a comprehensive survey and compilation by an acute observer.


A view of Latin American geography from a novel point of view - a series of reconnaissance field vignettes focused on individual farms or "occupance items." These selected case studies are designed to capture the considerable cultural and economic variety of a vast region.

88
A monumental, encyclopedic survey of Spanish America during the height of the colonial period by a widely-traveled compiler, who relied on both his own observations and on collected documents and oral reports. An invaluable source of detailed information on both physical and human geography.

Works on Special Subjects


Probably the most extensive list of its kind yet assembled.


A general survey of recent economic change and problems includes valuable discussions of several aspects of Latin America's economic geography.


This collection of essays by a group of distinguished social scientists provides an up-to-date analysis of social, economic, and political change in Latin America.


A collection of papers and discussions thereof contributed for the most part by anthropologists and sociologists, but including at least three items by geographers. Particularly useful for students concerned with the Brazilian or West Indian plantation.


89
The regional geography of the continent illustrated, with appropriate commentary, by
snapshots taken by the author during flights across South America. An excellent selection
of photographs.

830 ROSEVELT, G. H. The Grasslands of Latin America. (Imperial Bureau of
A detailed account of the botany, ecology, economic use, and management problems
of each of the major grassland formations of Latin America.

831 WARD, JULIAN H. ed. Handbook of South American Indians. (U.S. Bureau of
American Ethnology, Bulletin 143; Washington G.P.O., 1946-59. 7 v $87.50. LC 46-
26504 rev 2.

The indispensable reference work on the subject. All aspects of aboriginal life are
treated both systematically and regionally, as indicated by volume titles:
V 1 Marginal Tribes - $15.00
V 2 Andean Civilizations - $20.00
V 3 Tropical Forest Tribes - $18.00
V 4 Circum-Caribbean Tribes - $15.00
V 5 Comparative Anthropology of South American Indians - $17.00
V 6 Physical, Anthropological, Linguistic, and Cultural Geography of South
American Indians - $17.00
V 7. Index - $5.00

832 WARD, JULIAN H. and ELARON, LOUIS C. Native Peoples of South America.

An effective summary of the more important material originally published in the
"Handbook of South American Indians."

833 U.S. DEPARTMENT OF AGRICULTURE. Agricultural Geography of Latin America.
Foreign Agricultural Service, Miscellaneous Publication No. 743; Washington Foreign
Agricultural Service, 1958. 46 pp. 50.05. LC 58-194.

A highly useful agricultural atlas that presents, by means of maps and commentary,
the spatial patterns of the more important crops and types of livestock.

834 GORDON, WILLIA M. ed. Prehistoric Settlement Patterns in the New World.
Viking Fund Publications in Anthropology, No. 23; New York, Wenner-Gren Foundation,
AI-50 Available through Johnson Reprint

A collection of essays by anthropologists that is a valuable reference for geographers
concerned with Latin American historical geography. While the volume touches upon
prehistoric settlement throughout the Americas, the bulk of it is devoted to Middle and
South America.

Regional Works

The West Indies and the Guianas

835 ALEXANDER, CHARLES S. The Geography of Margarita and Adjacent Islands,
Venezuela. University of California Publications in Geography, Vol. 12, No. 2; Berkeley,

An account in depth of the physical, cultural, and, most particularly, the historical
geography of an atypical portion of Latin America that was discovered and exploited by
Europeans at a quite early date.

350 pp. $8.50. LC 37-4412.

This - and the following item by the Herskovitses - is an analysis of the society,
economy, and culture of a restricted locality of predominantly Negroid race and culture
that throws considerable light on the life and history of the larger communities. Still a
classic in its field.

837. HERSKOVITS, MELVILLE J. and HERSKOVITS, FRANCES S. Trinidad Village.

See preceding item.

A detailed examination of the conflicts, physical and diplomatic, and of the consequent adjustments of the disputed (i.e. virtually all) boundaries of the region.


A summary of a series of detailed studies of Puerto Rico's land-use pattern and economic geography conducted in the 1940's by a group of young geographers from the United States as the basis for a more effective rural economy.


A sociologist views the history, culture, religion, and the social, economic, and political structure of Haiti and its persistent problems of health, education, and overpopulation.


Five essays that explore the past and current problems of the British Caribbean and the prospects for the ill-fated Federation. Useful selected bibliography.


The standard text on the subject.


A highly stimulating interpretation of Cuba's historical sociology - the particular pattern of land and people seen, in large part, as the product of the competition between the two diametrically opposed cash crops that have dominated the island.


A detailed regional description of the island, and the standard work on the subject.


An inventory of facts, mostly geographical, concerning the British, French, Dutch, and American holdings in the Caribbean as they were on the eve of World War II.


An important collection of scholarly papers and discussions given at a symposium covering many aspects of Antillean society, history, and culture, by some highly qualified authors and critics.


A comprehensive treatment of the structural and stratigraphic history of the Caribbean area and an original synthesis that has never been superseded.


The history, society, economy, and other major aspects of British Guiana described and analyzed by one of the country's keenest interpreters.
provides excellent coverage of Britain’s geology, geomorphology, climate, soils, and types of farming.


964 WATSON, J. WRLFORD and SISSIONS, J. B. eds. The British Isles, a Systematic Geography. Edinburgh: Nelson, 1964. 452 pp. 45s. LC 64-56444. Twenty-two systematic essays covering aspects of the physical, historical, cultural, economic and political geography of the United Kingdom and Ireland. Also, a summary of British geography and geographers.

Central and Eastern Europe


967 JACkINSON, ROBERT L. Germany. A General and Regional Geography. 2nd ed. New York: Dutton, 1961. 716 pp. LC 62-12596. A thorough, detailed, and well-written study in which the author succeeds in blending historic and cultural features with physical and economic to evoke the "personality" of the regions of Germany.


970 HOFFMAN, GEORGE W. and NLAL, FRIDW. Yugoslavia and the New Communism. New York: Twentieth Century Fund, 1962. 546 pp. $8.00. LC 62-13485. A valuable study of a country which has attempted to develop its own brand of socialism and to solve the problems of minority integration and federal administration, all on a restricted agricultural and industrial resource base.

971 KLIT LSZ. S1 LPHLN D. Last Central Europe and the World. Developments in the Post-Stalin Era. (International Studies of the Committee on International Relations,
A thorough treatment of the area - including its physical geography - based on extensive field observation as well as other sources. Particularly valuable for its treatment of aboriginal agriculture, cropping systems, and marketing, and for its many original maps.

An exhaustive listing of studies relevant to Mexico's geography.

One of the principal landmarks of American historiography. In addition to a narrative account of one of the most engrossing episodes in human history, there is a highly readable account of Mexico on the eve of the Conquest in a classic that has never been fully superseded.

One of the earliest studies of its kind for any part of the world and still a basic document for an understanding of village life and organization in Mexico. Also see #856.

A detailed account of the advancing Costa Rican settlement frontier, past and present, based on years of meticulous fieldwork as well as a thorough analysis of documents. Many useful maps and photographs.

Estimates of the size and location of the pre-European population of the area based on early documents and field observations by the author.

A detailed account of the human geography (based on early Spanish chronicles) of Colima on the eve of the Conquest.

A well-documented description of the cultural and historical geography of one of the more interesting segments of southern Mexico.

As the title indicates, a collection of essays on a number of phases of the physical and human setting of the region.

An analysis of the profound ecological and economic revolution resulting from drastic declines in Indian population during the 16th Century.

Settlement form and function among a group of towns in southwestern Mexico.

869 STEPHENS, JOHN L. Incidents of Travel in Central America, Chiapas, and Yucatan. New York: Harper, 1841. 2 v. $10.00. LC 3-21697.

Detailed description and narrative by the effective discoverer of ancient Mayan civilization. This well-written account is still useful for the study of 19th Century Central America. The drawings are famous in their own right.


A detailed description of a poorly known section of Latin America that contains some noteworthy material on settlement morphology and traditional forms of agriculture. Interesting example of the geographic treatment of a smaller region.


A fundamental reference work. Good coverage on the geology, landforms, climate, plant life, soils, fauna, and other aspects of the physical geography of Mexico and Central America along with a treatment of early, i.e. pre-Hispanic, cultures.


The standard work in English on the demography and social and economic aspects of rural Mexico, with emphasis on the ejido system and changes since 1910.


A basic survey of the social structure and economy of Guatemala. The treatment of population characteristics is especially worthwhile.


A useful brief account of the culture history of Mexico and Guatemala.

The Andean Countries

(Venezuela, Colombia, Ecuador, Peru, Bolivia, and Chile)


One of the finest regional treatments, based on a cross-section of the Andes along the seventy-third meridian carried out in the field. Original use of the "regional diagram" as a method of geographic description.


Another notable study in regional geography, based on many months of field study in the desert of North Chile during the early decades of the present century.


An excellent survey of the physical landscape, present economic geography, and evolution of settlement in one of the world's most isolated regions.


A general regional geography of the valley based, in large part, on the author's field work and emphasizing problems of land-use and land tenure.

A sociologist treats the evolution of land tenure and social systems from pre-Conquest times to the present, and the implications of the current concentration of control in terms of levels of living, food production, and problems of agrarian reform.


A general regional and historical geography of a humid tropical area in northern Colombia.


Like other studies in this series, the main emphasis falls on fiscal policy and the more technical aspects of economics, but there are useful sidelights on the resource situation and general economic geography.


A photographic reconnaissance of the country—from coastal desert to Amazon Basin—with brief textual commentary. The pictures are both handsome and instructive.


A general survey of Ecuador’s land, society and culture, history, politics, and economy. A compact and competent introduction.


A brief essay on social and agricultural systems and land tenure in a region of strongly persistent aboriginal culture.


A regional monograph presenting the characteristics and problems of Chile as of about 1930. Changes since then have made this work chiefly one of historical value, but it is still valuable as an example of regional method, as well as of historical record.


An outstanding study of the influence of altitude upon man and his activities.


A good account of the geography, history, and economy of Bolivia, including considerable up-to-date material on developments in the Oriente.


An outstanding example of modern regional analysis, treating an area of recent frontier advance.


A classic account of the Spanish conquest of the Inca empire. It contains many background details of interest to the historical geographer.

A recent re-survey of the northern desert country studied a half century earlier by Isaiah Bowman. Also see 876.

An historical geography of the dominant industry in northwest Colombia, with special emphasis on extractive techniques, population, labor, and settlement, transport, and associated enterprises of various types.

This is not only a classic in the literature of mountaineering but also contains much data on the physical geography of Ecuador and the life and customs of its people.

A useful bibliography of all works of a geographical or statistical nature published during the specified period by the I.B.G.L. Index and cross references.

A brilliant sociological study of the formation and disintegration of the patriarchal society that evolved in the sugar cane plantations of the northeast coast of Brazil in the 16th Century. Fundamental to any approach to the geography of this region.
These guidebooks are documents of lasting value as the best regional accounts yet available for much of Brazil. All except Nos. 2 and 6 were published in English as well as French.

No. 2: Zone Métallurgique de Minas Gerais et Vallée du Rio Doce. 162 pp.
No. 4: Paraíba Valley, Serra da Mantiqueira and São Paulo City and Surroundings. 269 pp.
No. 5: The Coastal Lowlands and Sugarcane Zone of the State of São Paulo. 195 pp.
No. 6: Bahia. 254 pp.
No. 7: Northeast. 231 pp.
No. 8: Amazonia. 216 pp.

A collection of essays on several aspects of Brazil's human geography by a French geographer who has long specialized in the subject.

An outstanding study of the processes involved in the settlement of São Paulo State; in the high tradition of French regional monographs.

A comprehensive account of the history and sociology of a major segment of the Brazilian population, with special attention to Bahia State.

A rural sociologist analyzes the demographic variety of Brazil in a massive work that contains a wealth of data concerning regions, levels of living, land tenure, settlement patterns, socio-political institutions, and other matters.

An interpretation by a social anthropologist of Brazilian unity and diversity, with special emphasis on social structure and regional variation and the problems of achieving national unity. An excellent brief introduction to a vast, complex nation.
WALLACL, ALFRED R. Narrative of Travels on the Amazon and Rio Negro; with an Account of the Native Tribes and Observations on the Climate, Geology, and Natural History of the Amazon Valley. (Minerva Library of Famous Books, No. 6) New York: Ward, Lock, 1889. 363 pp $0.75. LC 5-4386.

This account by the famous naturalist is perhaps the most notable of the many travel books describing the vast Amazon Basin.


A study of the processes whereby an area is supplied with basic food commodities; the physical and economic milieu of food production and marketing. Important not only for data on a leading Brazilian state but also as a type example of its genre.

Argentina and Paraguay


Immigration and settlement in one of the world's great frontier zones and the evolution of transportation and the rural economy. Based in large part upon extensive fieldwork.


A detailed analysis of social and geographic conditions based upon personal observation in one of the most interesting zones of Teutonic settlement in Latin America.


A rural sociologist deals with the peopling of Argentina, the regional variations in types of farming and settlement, levels of living, and agricultural colonization and resettlement.

4. EUROPE

Bibliographies and General References:


Excellent coverage on various sources of information.


An authoritative work by 63 eminent French geographers and leaders of French culture. Well documented and illustrated.

Atlases:


An atlas of the non-Communist nations of Europe that is appearing serially. The multi-colored plates thus far issued cover occupational structure, agriculture, industry, birth rates, and reproductive change, by blocks of countries. Accompanying text in German, French, and English.

General Works:

After a relatively brief systematic introduction, Gottmann makes a careful geographic analysis of the continent by major regional divisions, states, or groups of states. Basic problems are brought out clearly at the end of each chapter. Abundant and excellent illustrations.


A multiple-author book, richly illustrated with maps and photographs, outstanding in terms of its coverage of the historical and physical geography of all Europe and its various parts.

HOUSTON, JAMES M. A Social Geography of Europe. See #240.


Written for university students and to interest a wider public in the complex interplay of physical and historical factors that have molded the cultural landscape of Europe.

Works on Special Subjects:


Detailed analysis of the ethnic groups of Europe; lengthy pictorial appendix.


A multiple-author book dealing with postwar Europe's population, resources and their utilization, economics, and technology. Projections are given for 1970. Extensive use of tables and charts.


Contains statistical material on land resources, population, and related settlements. Extremely useful book on the historical and social background of European agriculture.


Reconstructs past geographies of Europe from the time of the Roman Empire to the late nineteenth century.

924. EGLI, EMIL and MULLER, HANS R. Europe from the Air. London: Harrap, 1959. 223 pp. $15.00. LC 60-1592.

A collection of 180 excellent photographs, covering physical and cultural subjects.


An analysis of agriculture and nutrition in non-Communist Europe in relation to food requirements of the population.


Scholarly analysis of an important European problem.


A general historical geography of Europe.
Regional Works:

Northern and Western Europe


A detailed analysis of maritime boundaries in Northwestern Europe, and of their effects on commercial fishing.


An invaluable source of information, beautifully produced. Covers Belgium in Europe, cartography, and geophysics, physical geography, human geography, economic geography, regional geography, and administration.


Careful analysis of the physical environment, history, dock systems, markets, and industries of the major British ports.


Richly illustrated account of the growth and planned development of Dutch towns.


Covers rural and urban changes during the present century.


Fourteen studies by eleven authors, concerned with the reconstruction of past geographies from prehistoric times to the end of the eighteenth century. Becoming a classic in its field.


A classic study in historical - almost archeological - geography, reconstructing the life and organization of a period from unique source materials.


Physical and cultural geography of France magnificently represented on air photos with accompanying maps and text.


An excellent book covering the distinctive characteristics of nearly all the regions of France. Stresses the importance of field observations.


A general and comparative treatment of the functions and internal development and structure of West European cities, with noteworthy comparative functional area maps of major cities.

Collection of 27 maps of 15 West European Countries, depicting political, administrative divisions, physical and climatic features, major mineral deposits, demographic distributions, and agricultural and manufacturing land uses. There is a brief commentary on each map.


Contains a systematic analysis of geographical characteristics as well as detailed regional coverage. Well illustrated with maps and diagrams. Extensive bibliography.


Revised version of atlas produced between 1925-1928. A basic collection of unusually good maps.


An important study of sequent occupancy (the succession of cultures more or less separate in time and each leaving its distinctive pattern on the earth) in Britain.


Well-illustrated account of the influence of environment upon the inhabitants and invaders of The British Isles in early times.


An excellent, serially-issued regional atlas, covering geomorphology, climatology, hydrography, biogeography, agriculture, industry, human and political geography.


A detailed analysis of the country as a whole and of its various regions.


A very useful study, with ample statistical materials, of the administrative, economic and social impact of the metropolitanization of Great Britain.

JONES, EMRYS. A Social Geography of Belfast. See #265.


Well-written, detailed account of the evolution of the Schuman Plan, the operations of the ECSC, and its relation to the EEC and other international economic organizations.

MACKINDER, SIR HALFORD J. Britain and the British Seas. See #318.


A basic work on Iceland's physical and cultural geography.


Examines the differences in history and geography among the three Scandinavian countries, Finland, and Iceland. The final chapter explores the "changing strategic significance of Norden as a whole."

This book offers valuable insights into the economic-geographic character of Scandinavia. It is not a complete analysis, but the presentation is stimulating.


A two-part text. Part I deals with the physical geography of Denmark, Norway, Sweden and Finland while Part II deals with the human and economic geography of the region.


A detailed regional analysis of France; included also are chapters on agriculture, industries and communications. A standard English-language text, now somewhat out of date.


A thorough coverage of the economic geography of Great Britain, preceded by an historical introduction and concluding with a summary of the character of British economy and the balance of its several parts.


A useful, comprehensive geographic handbook on Finland.


A comprehensive survey of the Scandinavian countries produced for the 1960 International Geographical Congress in Sweden. Both the text and the maps are of high quality. Excellent as a picture of the north of Europe in the late 50's.


Summarizes Stamp's pioneering work on land classification mapping in Britain. Also
provides excellent coverage of Britain's geology, geomorphology, climate, soils, and types of farming.

A geographic and economic survey. Well illustrated with maps and photographs.

A series of special micro-studies on various problems or areas in the British Isles, as compiled for the 20th International Geographical Congress meetings in London.

An excellent, exhaustive representation of various physical and cultural elements of the geography of Sweden.

Twenty-two systematic essays covering aspects of the physical, historical, cultural, economic and political geography of the United Kingdom and Ireland. Also, a summary of British geography and geographers.

Central and Eastern Europe

A collection of large-scale maps of the area, compiled and printed by the Bertelsmann Cartographical Institute.

A painstakingly thorough, clearly written study of one of the pivotal areas of Central Europe. Excellent maps.

A thorough, detailed, and well-written study in which the author succeeds in blending historic and cultural features with physical and economic to evoke the "personality" of the regions of Germany.


Based on "cross-disciplinary studies and a comparative juxtaposition of urban development in individual countries." Richly illustrated, detailed analysis.

Brief analysis of changing conditions in Albania, Bulgaria, and Yugoslavia. Based on field observations and long-term study of the area.

A valuable study of a country which has attempted to develop its own brand of socialism and to solve the problems of minority integration and federal administration, all on a restricted agricultural and industrial resource base.

971 KLRTLSZ, STEPHEN D. Last Central Europe and the World. Developments in the Post-Stalin Era. (International Studies of the Committee on International Relations,

Essays by European and American scholars, largely on individual countries.

A richly illustrated regional text on the physical and human geography of Benelux, the two Germanys, Switzerland, Austria, and Czechoslovakia.

Examines Germany today and traces its historical background.

Emphasizes the changes in Poland's boundaries and the continuity of the spirit of Polish nationalism.

Deals for the most part with the Federal Republic of Western Germany.

The economic development of the Ruhr is analyzed at three separate periods - 1800, 1850, and 1900 - as a prelude to presenting the geographic picture in the mid-twentieth century. A final chapter assesses the significance of the Ruhr in the early post-war economy of Europe.

A monograph on the development of the Silesian industrial region from the eighteenth century to the present. Emphasis is placed on the analysis of heavy industries.

Treats the origin of the modern iron and steel industry in Europe, its transformation and growth in the nineteenth century, and its growth and stabilization in the twentieth century.

A political and social study, the best English-language introduction to Czechoslovakia.

A excellent analysis of industrial growth, labor force, and foreign trade, with a concentration on energy, metal and chemical industries.

Mediterranean Europe

A study of the economic effects of the land reform scheme inaugurated in Italy in 1950.

A good treatment of Spain's resources and especially the regional diversity and the political problems produced thereby.
A pioneer study of a retarded or stranded economic region, particularly noteworthy for its analysis of the varied settlement patterns and their evolution.

Analyses landscapes in terms of landforms, ecological cover of soils and plants, and the cultural legacies imposed by man. Well illustrated with maps.

Reliable survey of economic development problems and prospects.

A classic, containing numerous sketch maps and diagrams.

The tightly-phrased, vivid and even poetic sentences of this volume are documented by a total of 2,766 references. The book is considered by many a classic volume in content and style of writing.

Discusses the broad physical features of the area as well as its human geography. A book to be read critically and with caution, yet it offers useful ideas.

A political, historical survey of the Portuguese culture area, with particular emphasis upon economic and historical developments prior to the sixteenth century.

990. STANISLAW, JAN, Portugal’s Other Kingdom, the Algarve. Austin: University of Texas Press, 1963. 273 pp. $5.75. LC 63-7363.
Describes the geographic personality of a province in southern Portugal, a scholarly analysis of the associations of men and land.

A comprehensive textbook, covering regional, economic, physical and historical aspects of the area.

Primarily concerned with the geography of the region but also dwells upon its history. Clear photographs and well executed maps.

Well illustrated, up-to-date text.

5. THE U.S.S.R.

Bibliographies:

Lists the best and most up-to-date of the Russian-language literature on all aspects of Russian life.
of the U.S.S.R. Chapter 2, "The Land," by Chauncy D. Harris presents and annotates 121 major titles on geography.


An excellent selected and annotated list. In Chapter 3, "The Land," Chauncy D. Harris offers 49 of the more important works on the geography of the Soviet Union in English, French, and German.


Chapter I in Volume 2, "Geography," pp. 189-227 lists and annotates more than 300 bibliographies, mostly in Russian, on the geography of the Soviet Union, classified by region and topic. The most comprehensive and extensive bibliography of Soviet bibliographies of geography.


A comprehensive bibliography of Soviet geography up through 1950.

Serials:


"The most comprehensive Soviet geographical periodical. Scholarly articles on all phases of Soviet geography, especially physical and economic geography and natural resources and their utilization." (Harris) In Russian with supplementary table of contents in English.

999. GLOGRAFIChESKOE OBSCHESTVO S.S.S.R. IZVLLETIJA. 1- (1865- ). 6 nos. a year.


This publication is both a translation of key current articles by Soviet geographers and a continuous survey of the field of Soviet geography through translations of tables of contents of leading journals and brief news notes.

Atlases:


Nominally an agricultural atlas, this monumental work includes many plates on physical geography as well as many regional plates showing crops, livestocks, and related items. An outstanding publication in its field.


The best current large-format atlas of the U.S.S.R. There are three sections. (1) General reference maps of regions, mostly at scales of 1:3M or 1:4M, (2) maps depicting physical conditions for the country as a whole, and (3) economic maps for each of the principal regions.

Although somewhat out of date, this is still the most useful English-language atlas of the Soviet Union. It is organized primarily along topical lines, with plates on physical geography, agriculture, human geography, manufacturing, etc., for the whole country, but it also contains regional reference maps.

General Works:


Although out-of-date in various respects and doctrinaire and tendentious in places, this is still in many ways the best general systematic survey of Soviet economic geography. Reflects viewpoints and programs of the third five-year plan.


A primarily regional, generally non-polemical economic geography, for many years the basic textbook used in Soviet secondary schools. Somewhat out-of-date, but still useful.


An authoritative survey of landforms, climate, vegetation, and fauna by the late dean of Soviet physical geographers that remains the best work of its kind. It presupposes a certain familiarity with the techniques and vocabulary of the field.

1007. COLE, JOHN P. and GERMAN, FRANK C. A Geography of the USSR; the Background to a Planned Economy. London: Butterworth, 1961. 290 pp. 50s. LC 62-5814.

An up-to-date survey of the various aspects of the Soviet economy and of the planning regions on the eve of the 7-Year Plan (1959-65). A solid, objective topical and regional geography of the USSR.


An up-to-date geographical encyclopedia in five volumes (of which four had appeared at the time of this editing), with articles on the regions, republics, cities, rivers, lakes, etc., of the Soviet Union and on the principal geographic divisions and features of the world.


A useful introductory text that emphasizes the regional approach and has excellent maps and serviceable bibliographies. The material is recent.


A translation of important materials from Soviet encyclopedias and statistical handbooks. The chapters of particular geographic interest are those on Natural Characteristics, Population, National Economy, and the U.S.S.R. in Figures.


A valuable encyclopedia on many aspects of Russian and Soviet life with signed articles by experts.


A good introductory text that employs the topical approach and stresses the physical and economic aspects of the country. Excellent maps, glossary, and statistical appendix.
A Western observer's view of the Russians and their relations with their climate, landscape, society, and government. Highly perceptive and well-written.

This encyclopedic study of Russian geography during the late pre-Revolutionary period includes much information on physical and cultural features that is still entirely valid. A classic, lavishly illustrated work.

Although now rather out of date, this is still the most detailed regional geography of the country in English and embodies an encyclopedic fund of data on Soviet regions, oblast by oblast and city by city.

An inventory and appraisal of modern scholarly work in the Soviet geographical sciences. It briefly traces the development of Russian geography and then examines in detail each major subfield, some of the major problems confronting Soviet geographers, and various methods of research, teaching, and disseminating geographic knowledge.

Works on Special Subjects:

An analysis by leading American specialists of trends in Soviet economic development comparing that experience with the pattern in other developed countries, especially the United States. The study includes such topics as national income, labor force, industry, agriculture, consumption, and foreign trade.

Non-technical analysis of the structure and performance of the Soviet economic system. Coverage includes evaluation of growth and efficiency and an appraisal of the prospects for the continued development of the system and its institutions.

An excellent monographic account of the iron and steel industry, including discussions of production, location, productivity, and general economic considerations.

This is a thoroughgoing account of the geography and economics of the mineral fuels of the Soviet Union that includes many statistics. An essential reference on the subject.

A thorough analysis, by an economist, of railway transportation problems and policies. Includes chapters on the transport network, locational objectives, and patterns of commodity movements.

A brief account by an American geographer who has specialized in the study of Soviet agriculture.


An analysis of Soviet agriculture, especially during and since the socialization drive, as a major component of Soviet economy. A detailed critical survey and appraisal of organization, plans, and practices in terms of results.


A useful survey of economic conditions and trends during the critical years of forced industrialization, warfare, and reconstruction.


A controversial, but still important, interpretation of Russian historical geography as purportedly shaped by a persistent impulse toward oceanic outlets by a landbound people. Also includes a discussion of the role of internal waterways.


Somewhat out-of-date today, but still the most nearly definitive study of Russian population yet to appear. Major characteristics, trends, and distributional patterns are dealt with, and there are several important maps.


A stimulating collection of articles on population trends within the Communist bloc of nations.


A basic work on resources and the growth of Soviet industry.


A useful statistical analysis of the growth in the output of mineral fuels: coal, lignite, peat, oil shale, petroleum, and natural gas.


Excellent collection of papers by American experts on all phases of the Soviet economy, and comparisons with the U.S.A. A basic statistical reference for the USSR in the late 1950's.


Comparisons of the United States and the Soviet Union in terms of all aspects of social and economic power.

Objective analysis of the agricultural patterns of the USSR based on published materials and data gathered in the field by American experts. It covers such topics as land-use, farm practices and income, and crop and livestock production.


One of the best concise studies of Soviet Agriculture in the pre-World War II period.

Regional Works:

ARMSTRONG, TERENCE E. The Russians in the Arctic; Aspects of Soviet Exploration and Exploitation of the Far North, 1937-57. See #1329.


A geographic analysis of the significance of the "heartland" extending from the Volga River to Lake Baikal that appears to be emerging as the major Soviet center of energy production and manufacturing.

KRYPTON, CONSTANTINE The Northern Sea Route and the Economy of the Soviet North. See #1335.


A useful survey of the historical and political geography of the Soviet Union's Boundary with China - and a potential problem zone.


A scholarly, detailed description of the relief, climate, permafrost conditions, hydrography, soils, vegetation, and fauna of Asiatic USSR, organized along regional lines. It assumes some technical background on the part of the reader.


This excellent study treats the development and role of the rail system in inter-regional trade. Although focused on Central Asia, it diagnoses the strengths and weaknesses of the Soviet rail network in general.


A detailed scholarly account of the physical background, population, economy, and regions of the Soviet Far East and of southeastern Siberia east of Lake Baikal.

6. ASIA — GENERAL

Serials:

JOURNAL OF ASIAN STUDIES (Association for Asian Studies, Inc.). 1-(1941-). 5 nos. a year. Russell H. Fifield, Box 606, Ann Arbor, Michigan.

1041
A fine journal covering all fields with an occasional article in geography as such. Excellent book review section and a first-rate bibliographic issue each year.


Country by country accounts of production and resources. Valuable for the current data it presents.

General Works:


Long a standard text in the U.S.A. Strongest on China, weak on S.E. Asia. 


An excellent text by a group of regional specialists. Coverage of the U.S.S.R. is brief by design.


A well written volume especially strong in its historical approach. Covers Asia from West Pakistan through Japan. 


A thorough coverage of the continent utilizing the regional approach. Especially good for India.

Works on Special Subjects:


A volume covering the continent and focusing on problems of political geography.


PEDELABORDE, PIERRE. The Monsoon. See #417.


Country by country analysis of population numbers, rate of growth, and projections toward the future.

7. THE FAR EAST

Bibliographies:


Basic bibliography of Japanese geographical literature, journals, maps, and atlases. Includes some information on English abstracts and articles in western languages.
Atlases:


The atlas and the accompanying text are in both Chinese and English. The author drew his information from Japanese statistics as well as from information forms completed by local persons. Out of date, but useful.


A good, inexpensive general and economic atlas of Japan in English which includes large scale maps of metropolitan areas.

Works on Special Subjects:


A detailed analysis of Japan's natural resources, including food, fibers, metals, and power resources, and an analysis of the adequacy of supplies and problems of procurement. Data somewhat out of date, but evaluation excellent.


Exellent study of Japanese colonial development and population growth rates on Taiwan.


Detailed multi-discipline study of a village in the Inland Sea area, adequately representative of rural Japan as a whole. Documents the impact of urbanism and presents considerable data on land use and agricultural technology.


This work is the classic in its field. At no other time has such a basic and detailed analysis of Chinese agriculture been attempted. Volume One analyses and summarizes the data. Volume Two is an atlas containing 184 maps and 13 air photos, all with descriptive paragraphs; Volume Three presents the statistical tables.


This excellent topical and regional analysis is a product of three decades of work beginning in 1923. An extensive bibliography appears at the end of each section.


This work reviews the development of geographical knowledge concerning Chinese Turkestan.


The finest of a series of works dealing with the impact of the U.S. imposed land reform following World War II. It includes valuable material on farm technology, tenancy, credit, and other rural problems.


FB: Phoenix P173. $2.95.

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Only book-length study of rural Japan during the prewar period. The work utilizes a social-studies approach and contains many excellent maps and sketches.

This work is a descriptive account of the pattern of consumption, production, distribution, and exchange of wealth among Chinese peasants of the author's native village in Kiangsu.

A study of human geography in Okinawa based on personal conversation with the villagers, information gathered from village land records, and discussions with American personnel stationed in Okinawa.

A good introductory study which includes sections on resources, agriculture, industrial development, international trade, population, and urbanization.

Interprets the nature of different types of population data and suggests tentative historical explanations as to how and why China's population has grown in early-modern and modern times.

A geographical analysis divided into three parts; first, the natural setting; second, the traditional occupation patterns of the diverse cultural groups, third, the present cultural landscape.

A guidebook published for the conference field trips through Japan. Detailed accounts of physical and historical geography according to trip itineraries. Includes sections on resources, agriculture, industry, and settlement in Japan as a whole, as well as regionally.

An encyclopedic volume covering history, geography, economics, literature, etc., primarily for reference purposes.

PB: Beacon. $2.95.
A brilliant and exhaustive account and analysis of the interaction between China and the border areas of Mongolia, Sinkiang, and Manchuria. The volume includes 10 maps and an extensive bibliography.

This work is a description of Sinkiang Province (Chinese Turkestan) and an analysis of the problems of political geography involving China and the U.S.S.R.

Detailed study by an agricultural economist of the period of the 1930's that is still the only extensive treatment of the subject. The research was done for the I.P.R. under the direction of the American Geographical Society.

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The first two chapters chronicle the history of the period. Chapter 3 establishes the overall dimensions of economic growth. The remaining chapters take up the chief elements in the development process, and the conditions shaping the direction and rate of change.

1071 McCUNL, SHANNON. Korea’s Heritage, a Regional and Social Geography. Rutland, Vt.: C. E. Tuttle, 1956. 250 pp. $5.95. LC 56-6807.

The best available text in English, with an extensive and valuable bibliography. A very readable work based upon long and intimate knowledge of the country.


A classic study of the major causes of famine—geographic, economic, and social. The conclusion offers steps needed to correct the situation. Based on first-hand knowledge of the problem gained as secretary of the Chinese Relief Commission.


A description of a village in northern Shensi, emphasizing the experiences the villagers remember and the role they played during one of the great social and political upheavals of modern times, the Chinese revolution. Best post-revolution study at the village level.


A valuable, detailed treatment which is mainly useful as reference rather than for general reading. Changes between 1949 and 1955 are emphasized.


This comprehensive study of Japanese population from the 12th Century to the mid-1950’s includes much material on population distribution, development of urban patterns, frontier settlement, and land-use as it relates to population.


This is still one of the best books ever written about China, still valuable despite recent political change. Beautifully written and full of insight.


The standard work on soils, with fourteen soils described and analyzed in detail. An excellent bibliography and useful glossary of terms are included.


This survey deals with all phases of land use in and around Hong Kong. Its purpose is to explain the patterns and to provide data for future planning.

The 100 pages dealing with the physical environment, 200 pages on the cultural environ- 
ment, and 300 pages of regional analysis supplemented by outstanding photographs, 
maps, charts, and diagrams place this volume among the elite of the myriad country 
geographies available in English.

1081. WIENS, HILROLD JACOB. China's March toward the Tropics. Hamden, Conn. 
An historical, anthropological, and geographical account of the occupation of south 
China, heavily and minutely factual. Explores the problems of the non-Han peoples.

8. SOUTHEAST ASIA

Bibliographies:

1082. LEMBREE, JOHN FLE. and DOTSON, LILLIAN O. Bibliography of the Peoples and 
Cultures of Mainland Southeast Asia. New Haven. Yale University, Southeast Asia Studies, 
An extensive and exhaustive bibliography designed chiefly with the cultural anthropo-
pologist in mind. Divided by country and by topic.

1083. HUKL, ROBERT L. Bibliography of Philippine Geography, 1940-1963. Hanover, 
N.H. Department of Geography, Dartmouth College, 1964. 84 pp. $1.50.
A listing of over 1,200 items, designed to supplement and update Vol. 2 of the bibli-
ography by Pelzer.

1084. PHILZER, KARL J. Selected Bibliography on the Geography of Southeast Asia. 
New Haven; Yale University, Southeast Asian Studies, 1949-. LC 51-3242.
This bibliography emphasizes physical, cultural, economic, and political geography 
and is a companion to J. F. Embree's work. Vol. 1 deals with Southeast Asia-general, 
Vol. 2 the Philippines, and Vol. 3 Malaya.

1085. U.S. LIBRARY OF CONGRESS. ORIENTALIA DIVISION. Southeast Asia: an An-
notated Bibliography of Selected Reference Sources in Western Languages. Comp. by 
This revision and updating of a highly respected work covers all fields and empha-
sizes materials published between 1952 and 1962.

Atlases:

64-25.
Sixty-eight multicolored maps, compiled with the help of geographers in Southeast 
Asia, present data on physical, human, economic and historical topics for the region as a 
whole and for individual nations. The illustrated introduction by D. G. E. Hall adds his-
torical depth.

General Works:

The three sections of this study, by a man long resident in Southeast Asia, deal with 
the landscape, with the various states, and with human geography. The discussion of each 
nation is further divided into the physical environment and the human environment.

1088. FISHER, CHARLES ALFRED. Southeast Asia: a Social, Economic and Political 
A massive, yet thoroughly readable, text covering Southeast Asia both topically and 
regionally. The best single volume for the region.

1089. ROBLEQUAIN, CHARLES. Malaya, Indonesia, Borneo and the Philippines: a Geo-
graphical, Economic, and Political Description of Malaya, the East Indies, and the Philip-
466 pp. $7.95. LC 58-4431.

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The author, Professor of Tropical Geography at the University of Paris, treats each country from an historical as well as a geographic standpoint. The book reads very well, with frequent pictures and charts, and contains a good bibliography as well as over thirty-six maps and diagrams.

**Works on Special Subjects:**


This book is a survey of basic facts concerning Burma's economy, with major emphasis on the period from 1937-1947. Excellent chapters treat agriculture, forestry, trade, and mining. The book is heavily documented and profits from the author's first hand experience in Burma.


Survey by an interdisciplinary team whose members represented the fields of anthropology, international affairs, political science, economics, and history. Valuable bibliography.


A study dealing with problems of production and trade in Indonesia prior to World War II, it provides valuable insights into the problems of economic planning in the post-war period.


This volume combines a host of maps (8 1/2 in. x 11 in.) covering physical and economic topics with alternate pages of analytical discussion. A fine introduction to Laos, Cambodia, and Viet Nam.


A work basic to an understanding of the economic aspect of contemporary problems in Burma. Deals superficially with geography, politics, and historical background.


A well-written non-technical volume by an anthropologist. The organization is on the basis of political units, and the discussion of each country is preceded by an historical review. Impressive bibliography and numerous maps.


An excellent study resulting from extensive field work on the island of Mindoro. Text is analytical and is accompanied by numerous sketches and photographs.


A thorough study covering the physical, human, and economic geography of Thailand, with emphasis on agriculture, mining and fishing. Excellent maps and fine photographs supplement this German text.


A descriptive account based on three years of field research dealing with the life of the Thai peasants who live in areas of that country outside of the Bangkok plain. One-fifth of the volume is devoted to agriculture.

A detailed study of Malaya with application to other parts of Southeast Asia. The eleven chapters range from a study of a sample fishing village to fishing on a national scale.


A first-rate study of "swidden" by an author with considerable field experience both in Sarawak and in other sections of Southeast Asia.


A classic presenting and comparing the British system of direct rule with the Dutch system of indirect rule. Concludes that the British system failed due to a collapse of the Burmese social system.


This cross-discipline study uses techniques from anthropology, history, ecology, and geography, to investigate the impacts of recently introduced plants on the economy of Indonesia.


This broad, general volume treats the environmental, economic, political, and social character of Malaya, including Singapore. It discusses key problems facing the area on the eve of the foundation of Malaysia. Maps, tables, and bibliography are excellent.


English translation under the title Land Utilization in Indochina (P.R., 1945) suffers from lack of an index. Part One is a study of physical environment; Part Two deals with population as an index of pressures on the land; Part Three is organized topically and deals with agriculture, forestry, mining, fishing and handicraft industries.


A text organized topically and emphasizing the physical environment, resource utilization, agricultural industries and manufacturing. Fine maps.


General survey by an interdisciplinary team from the fields of anthropology, political science, economics, and history. Excellent background materials. The twenty-one chapters range from history through geography and politics to national attitudes.


This volume presents a comprehensive description of diverse aspects of what was once known as British Borneo. Sociological, anthropological, political, and economic, as well as traditional geographical topics are covered.


An excellent and thorough study of physical, human, and economic geography in the immediate pre-World War II period.

The author, a geographer at the University of Singapore, provides a volume divided into three parts: (1) the land, including climate, (2) the people and the pattern of settlement; (3) the economy, including all phases of mining and agriculture.


This well-written, penetrating work is divided into sections dealing separately with the physical environment and human geography. Well documented with maps and charts.


This classic study of the agricultural development of pioneer lands devotes approximately equal emphasis to the Philippines and to Indonesia. Excellent chapters deal independently with the shifting cultivator and with the sedentary farmer.


The author's main concern is to relate the landscape with settlement, special emphasis is devoted to agricultural soils. Despite considerable use of technical language when describing the several soils of Thailand, the volume as a whole reads easily.


A comprehensive study of a minority group having great influence in Southeast Asia. The approach is historical yet treats contemporary problems.


As the title suggests, this work by a well known geographer provides a wealth of material on Indo-China and gives excellent background for understanding contemporary problems.


A fine work dealing chiefly with problems of land ownership, tenancy, rural credit, mechanization, and a variety of government services in rural areas. A bibliography, several maps, and a number of tables supplement the text.


An interdisciplinary work drawing on the fields of international relations, anthropology, sociology, and history with some coverage of geography.


This text deals almost entirely with Southeast Asia and draws its data from Malaya in particular. The explanations are based on streamline, cloud and wind analysis rather than on air mass analysis. The volume is rich in tables and graphs.


An historical geography of early Malaya reconstructed from Chinese, Arabic, and Persian records. A forty-page bibliography, numerous historical maps, and extensive notes supplement this scholarly work.

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9. SOUTH ASIA

Atlases:


An atlas of 48 clear, detailed, black-and-white maps, with descriptive and analytical text. Thirty-five of the maps are historical, and thirteen deal with contemporary geography.


This atlas contains 26 maps at the scale of 1,50,000, with good use of color. The volume is cumbersome, and because each map legend is in Hindi most users will have to refer back continually to the English legend at the front of the book.

General Works:


A history of the control of the Indian Ocean with some emphasis on geopolitical concerns for its control. The author stresses the strategic importance of the ocean to India. No maps or tables.


A prodigious and authoritative one volume geography of considerable detail. The text uses a general and then regional approach with 160 good maps, many diagrams and tables, and an excellent bibliography. A chapter on Ceylon is included.

Works on Special Subjects:


This book by a Pakistani geographer deals with the eastern division of Pakistan, comprising one-seventh of the area of the country and containing over half of the population. The physical setting and historical background are treated as a basis for analysis of agriculture, industry, transportation, and population.


Good basic geography of Pakistan and Kashmir. Excellent use of maps and tables with good use of recent statistics.


A nontechnical text with considerable detail. The book has a brief introduction and then plunges into Pakistan's economic situation and future economic plans. The authors use many tables but ignore the geographer's basic tool—the map.


An authoritative compendium of information on mineral fuels, metals, building materials, precious and semi-precious stones, water, and soils. It is profusely illustrated with maps and tables. The area covered includes Pakistan and Burma.

1127. COOK, LESLIE K. CEYLON. ITS GEOGRAPHY, ITS RESOURCES AND ITS PEOPLE. 2nd ed. New York: St. Martin's, 1951. 360 pp. $2.50. LC 52-17432.

A good basic geography, though some information is obsolete. The vocabulary is simple and the book makes good use of maps (some are a bit crude). The geographic divisions include historical, physical, economic, human, and overview. Written for secondary school teachers.

Although the style is clumsy and some terms are misused, this book has considerable value as a statistical analysis. There is a wealth of information, though some of it is obsolete. Chief emphasis on anthropology.


A detailed discussion of the population of India and Pakistan. The book deals with human fertility, the birth and death rate, population distribution, urbanization, caste and religion, economic activities, and population policy. Many good maps and tables. Much statistical information is obsolete, but conclusions remain valid.


A good basic geography with excellent cartography and good use of tables. The book is organized as follows. General geography; regional geography (four regions); trade and internal communications, and appendixes (historical geography, economic development, soils and crops).


An ecological approach to the achievements and failures of the settling of the "dry zone" of Ceylon. A well-organized book containing twelve good maps and many excellent tables and illustrations.


A French text of considerable detail with excellent use of photographs, maps, drawings, and tables. The book is divided into two sections: general overview, and topical geography.


A topical geography based on field work and including 35 maps. The book is divided into sections as follows. Historical, political, physiography, climate, vegetation, soils, land use, settlement, cultural, diet and disease, economic, transportation, regions.


A well-documented and well-mapped discussion of the Sino-Indian border dispute. The reader can gather much insight into the history and geography of this vaguely defined border.


The book deals primarily with economic development and discusses both goals and achievements before and after economic planning. The author points out significant changes, while reminding the reader of many still static areas in India’s economy. Well organized, with many good tables.


A sociological appraisal of rural Indian attitudes and mores affecting India’s economic and social development that is based upon numerous interviews. There are no maps or tables.


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A symposium written by geographers, sociologists, economists, and city planners on the current problems and growth trends of Indian cities. The sections on urban population, urban structure, and urban society are especially useful.


This is an ethnic, political and economic survey of Afghanistan, prepared by six specialists in various social sciences, including geography, that stresses the changes occurring in the transition to a modern nation-state.


The most widely accepted book on the rock formations, historical geology and physiography of the Indian subcontinent, based on the memoirs and reports of the Geological Survey of India, including the author's investigations.


One of the Indian village studies, humane and penetrating beyond technical social science, that assesses changing attitudes and aspirations over a thirty-year span. Based on a village of some 1,200 inhabitants in northern India.

10. SOUTHWEST ASIA AND NORTH AFRICA

Bibliographies and General References:


Regional and subject headings (including soils) allow quick reference to the major texts and maps of importance, not as thorough as could be compiled, but the best published.


A useful encyclopedic reference work. Usually revised every three years.

Atlases:


One of two general atlases devoted to this part of the world. Contains maps of physical and cultural characteristics of the area, as well as photographs and accompanying text.


The best cartographic presentation of the economic geography of the region. Also includes a useful statistical appendix.


An essential reference work. Contains carefully designed and beautifully printed maps.

Serials:

1146. MIDDLE EAST JOURNAL. (Middle East Institute) 1-(1946-). Quarterly. Editor, Middle East Institute, 1761 N. St., N.W., Washington, D.C. 20006

The leading American periodical dealing with political, social and economic issues in the region extending from Morocco to Pakistan. Its "Chronology" and "Review of the Periodical Literature" are especially valuable.
General Works:

An exhaustive presentation of the physical and human geography of the area in the French tradition. Special emphasis is placed on general discussions of the region's geology and climate, and the "human problems" encountered there. The best geographic treatise on the region.

Good description of the "facts of economic life" in the Middle East. Vital for students who do not know a foreign economy.

A well written and thoughtful account of cultural history and ethnography. Perhaps the most rewarding single volume on this part of the world.

A beautifully illustrated but often superficial regional survey. Excellent bibliographies.

A standard text comprehensive and reliable. Relates the past and present activities of man to his environment in an illuminating fashion.

Excellent study of an important cultural topic.

A collection of excellent articles on the Middle (Near) East in the mid-Twentieth Century. Of particular interest to geographers is "Where is the Middle East?" by Roderic Davison.

Excellent, but controversial essay. Explores the morphology of religious landscapes and the geographic significance of religious institutions, confined almost entirely to the Middle Eastern Islamic world.

Regional Works:

Southwest Asia

The full sequence of broadly changing patterns of irrigation, agriculture, and urban settlement is traced and analyzed within the framework of a small but historically crucial region of the Near East.

Beautifully illustrated study of (1) the background of Saudi Arabia and the Middle East, (2) the Oil Industry, (3) the Aramco Venture, (4) the Government, Land, and People of Saudi Arabia, (5) the Culture and Customs of the Arabs.

1159 FRANKFORT, HENRI. The Birth of Civilization in the Near East. (Doubleday Anchor Books, A89) Garden City, N.Y. Doubleday, 1956. 142 pp. $0.95. LC 56-4553. Excellent but now partly outdated review of the culture history of Egypt and Mesopotamia up to about 2,000 B.C. The concept of diffusion is implied in much of the work, and attention is given to the relationship between the Egyptian and Mesopotamian civilizations.


1169. LAMBERT, ANN K. S. Landlord and Peasant in Persia; a Study of Land Tenure and Land Revenue Administration. London. Oxford University Press, 1953. 459 pp. LC 53-2458 rev. This study of land tenure and land revenue administration in Iran is the definitive
work on the subject. The historical background, legal framework, and various systems of agriculture are given thorough coverage.

   The best work in English on the subject.

   Factual survey with anthropological slant.

   One of several substantial works on this subject. Stresses historical development.

   A description "from the inside" of several villages. Biased but necessary for the understanding of rural life in Turkey. A classic description of village life.

   One of the better studies of the economics of the Middle Eastern countries.

   The first comprehensive study of the geography of Israel in the English language. Numerous maps and photographs. Extensive bibliography.

   Excellent case study of the relations of nomadic and sedentary peoples. One of the best works available for a specific area within the Middle East.

   Historical study of the changing territorial pattern of nomadic and sedentary life. Good bibliography.

1178. SMITH, GLORGL A. The Historical Geography of the Holy Land, Especially in Relation to the History of Israel and of the Early Church. 2nd ed. London: Hodder and Stoughton, 1894. 692 pp. LC 4-13460.
   A classic description of Palestine.


   Valuable papers on the early culture history of the Near East and the Mediterranean region.

Good descriptive account of exploration of eastern Arabian deserts during 1945-1950.


A thorough account of the habitat and activities of these inhabitants of southern Iraq.


Concerned with growth of medium-scale and large-scale manufacturing establishments. Supported by numerous statistical tables.


A clear exposition of a major social and economic problem.


Penetrating and original analysis of the economic and social geography of the sedentary agricultural communities of the Near East.


A well written account of the turbulent problems of an old country.

**North Africa**


Comprehensive and detailed. One of the best statements on North Africa's political and social problems. Deals mainly with political developments during the colonial and immediate post-colonial periods.


Probably the best work in English on the peoples of the Sahara. In addition to accounts of the individual tribes of the Sahara, the text includes excellent discussions of the historical and ecological background of the area.


A detailed regional geography of the arid, semiarid, and humid sectors of North Africa. Exhaustive bibliography of French studies. The volume on the Saharan realm is the best regional analysis available on the area.


Thoughtful and well-written account of recent political, social, and economic developments in Morocco, Algeria, and Tunisia.


Factual and with an anthropological slant.
   A balanced analysis of recent economic change.

   A survey of physical geography and culture history, followed by more detailed accounts of settlement patterns, livelihood, and the effects of man's activity on the land.

   A valuable serial publication, which includes descriptive pamphlets as well as maps.

   A detailed monograph with numerous maps and an extensive bibliography.

1197. WILLIMOTT, S. G. and CLARKE, J. I. Field Studies in Libya. (Durham University, Department of Geography, Research Papers, Series No. 4) Durham: 1960. 138 pp. LC 60-4460.
   Authoritative, detailed field investigations.

11. AFRICA SOUTH OF THE SAHARÁ

Bibliographies:

   Probably the best general bibliography of Tropical Africa. Divided into main subject divisions: geography, ethnography; sociology and linguistics; administrative and government; economics; education; missions; and health.


Serials:

   In addition to the usual scholarly articles on all aspects of African studies, there are numerous short book reviews and an excellent current bibliography. Separately paged supplements accompany some numbers.


Atlases:

   The five folios of maps that comprise this atlas cover the following topics: populations; vital and medical aspects, culture and education; transport and communications; energy, resources, production, and consumption.

   The 55 sheets in this looseleaf publication cover mean annual rainfall, mean monthly
rainfall, mean daily temperature, mean humidity mixing ratio, and the contours of the 850, 700, and 500 millibar surfaces.


The historical background to present-day African affairs presented succinctly in maps.


An analysis of the population geography of Ghana, in maps and text, based on the 1948 population census.


Contains historical maps and plates covering physical features, natural resources, population, social services, industry, communications, power, and urban centers. Indispensable for study of this new nation.


Another of the Oxford regional atlases that combines general physical and political maps with a series of various economic topics.


A bilingual (English and Afrikaans) national atlas of commendable quality. There are plates on exploration, various aspects of physical geography and economic resources, population, social services, industry, communications, energy production, and cities.


The plates in this relatively brief national atlas are listed under physical geography, biogeography, human geography, industry and commerce, and history.


A quite effectively executed national atlas that includes maps of the natural environment, economic resources, population, urban centers, rural economy, social services, and industry and trade.

General Works:


A regional geography employing a thematic approach and adopting international boundaries as dividing lines. Each chapter focuses on a specific aspect of the country in question.


Lord Hailey's monumental study remains the most important reference work in English on the region. The physical, social, political, and economic aspects of Tropical and Southern Africa, past and present, are dealt with in great detail and penetrating fashion.

An advanced, comprehensive, up-to-date, and authoritative treatment of the continent that utilizes both the systematic and regional approach.

An intermediate-level, up-to-date text on the entire continent that has a useful introductory section on "Africa as a Whole," but emphasizes the regional approach.

A wide-ranging survey of environment and economic and social conditions in tropical Africa, largely from the geographic viewpoint. The author has skillfully molded the contributions of many experts into a lucid, challenging statement on the many problems setting the newly independent nations.

Thorough survey of research on Africa by American, European, and African scholars. Extensive bibliography. Chapter 9, "Geography," is by Benjamin E. Thomas.

A standard geographic text, quite readable and well illustrated, that effectively combines topical and regional sections.

Works on Special Subjects:

Fourteen essays on various aspects of population in British Africa by geographers, sociologists, and other social scientists. A useful symposium.

A collection of essays, mostly written from the social and legal points of view. Valuable background reading for the serious student.

A thoroughgoing, well-informed symposium on both the traditional market system in selected portions of Tropical Africa, and on the evolving present-day patterns.

An erudite, but readable, account of Saharan exploration and trade from Roman times to the 19th Century. An exotic subject dealt with most capably, and one important in the study of the historical geography of both Northwest and West Africa.

A detailed account of migratory agriculture in Africa, as exemplified by a single tribe, the Zande.

A brief survey of recent political and social problems based solidly on the author's historical researches.

A regional analysis of economic development from the geographic viewpoint at the continental, subcontinental, and local levels in Africa south of the Sahara, with special reference to Southern Africa.

A penetrating study of the effects of land use and misuse upon economic development.

A brief historical and political geography of Africa that concentrates on the factors behind changing boundaries and political developments rather than the changes themselves.

1228. LIGHT, RICHARD UPJOHN. Focus on Africa. (American Geographical Society, Special Publication No. 25), New York: A.G.S., 1941. 228 pp. $5.00. LC 41-5834.
Excellent air photos and well-written commentary on African landscapes, still highly relevant after more than two decades.

A concise account of the ethnology and culture history of Africa that has almost no geography but is still important background reading for geographers. The most authoritative single volume of its kind for the entire continent.

A remarkable photographic resurvey of places studied and photographed by Shantz some thirty odd years earlier that dramatically indicates the extent of recent, man-induced changes in the physical landscape.

A series of brief essays on what has been done or is in progress in the fields of topographic mapping and the study of geology, meteorology and climatology, hydrology, soils, and the biota in the various nations and dependencies of Africa.

A review of the state of research in the physical, biological, and social sciences in the area and how it has been applied to its socioeconomic development.

Regional Works:

**West Africa**

An introductory systematic and regional geography of Ghana.

An excellent study of West Africa’s largest country – its environmental setting, human patterns, rural economy, mining and industry, transport, public and social services, and the prospects for the future.


An analysis of the development of Ghana’s transportation system before 1946 and an examination of present-day patterns of commodity flow by rail and highway.


The best and most thorough regional text in English on West Africa. The topical chapters are followed by chapters on the individual countries, both groups in considerable detail.


An account of the economic, social, and geographic organization of recent Ghanaian cocoa-farming, with emphasis on the migratory process as a principal catalyst in the important innovations that have occurred.


A broad picture of the ecology, economics, cultural factors, and general geography of the staple food crops of major importance in West African agriculture and diet. A well-informed and rewarding synthesis.


After a brief introduction to the general geography of the region, this volume deals with land ownership, subsistence and commercial agriculture, manufacturing, minerals, transportation, commerce, labor, and economic organization.


A general survey of the former French colonies, written largely from the political and economic viewpoint.


An encyclopedic collection of detailed essays on the general physical geography of Ghana, all aspects of soil, forestry, animal husbandry, and transport, and all phases of land-use and agriculture. A basic reference on the country.

East Africa


Although the bulk of this first comprehensive monograph on the country’s geography is given over to regional analysis, the introductory chapters cover political and historical background, human geography, and various aspects of the physical environment, with special emphasis on the Nile’s hydrography.


This study concentrates on the functional structure of the city, and especially its central business district, upon which a multi-racial population of Arabs, Africans, Asians, and Europeans are leaving their stamp.

A first-rate general ethnographic study of a cattle-oriented tribe in the Sudan, with unusually strong emphasis on their ecology and on concepts of time and space. A study of particular relevance to the geographer.


A narrative account and detailed analysis of all aspects of one of the most ambitious and successful of Tropical African agricultural development projects.


The “Swinnerton Report,” composed and issued during the difficult period of Kenya’s transition to independence, has formed the basis for much current agricultural development, population resettlement, and the extension of transportation and various social services. A basic reference for the study of Kenyan geography.


After a general introduction to the human, physical, and general economic geography of the nation, agricultural practices, selected crops, marketing and processing, and forestry are dealt with in detail. A serviceable substitute for the general tome on Ethiopia’s geography that does not yet exist, and a good account of its rural economy.


A report on the economy of Kenya, in general and in detail, and a possible development program, written largely from the point of view of the economist. Similar reports have also been prepared by the International Bank for Reconstruction and Development for Tanganyika, Uganda, and Nigeria.


An excellent study of subsistence crops and factors affecting their production, designed to serve as a model for other monographs in the World Land Use Survey.


An anthology of accounts of East African exploration by the more important of the individuals in question.


A collection of essays by various authors on the physical geography and resources of the region and on its history, archaeology, demography, commerce and industry, as well.


A detailed factual study by a geographer of the Ethiopian plateau north of Lake Tana, placed within its cultural and historical perspective.


A general, semipopular account of Madagascar—its history, geography, economy, political development, and social conditions—based in large part on the author’s travels and observations.

South Africa

Brief, but penetrating, account of the physical geography of the region, its present agricultural pattern, and opportunities for further development of the rural economy.

A comprehensive, meticulous, mainly systematic text on Southern Africa. All significant aspects of the region's geography are covered in detail.

An examination of the influence on the historical scene of the physical factors of relief, climate, vegetation, soils, and mineral resources and the human factors of population distribution and movement.

A thoroughgoing geographical treatment of all Africa south of the Congo-Zambezi watershed. Volume 1, "Physical Geography," is longer, more detailed, and less dated than Volume 2, "Economic and Human Geography."

12. AUSTRALIA AND NEW ZEALAND

Serials:
1258. AUSTRALIAN GLOGRAPHLR. (Geographical Society of New South Wales) 1-(1928-)
A well-written, well-edited journal dealing chiefly with Australia, but sometimes publishing articles of world or regional coverage. Book review section of high quality.

1258a. NEW ZEALAND GEOGRAPHLR. (New Zealand Geographical Society) 1-(1945-)
Semiannual. Christchurch, New Zealand. Primarily a regional journal, but it also publishes excellent articles on Australia and the Pacific.

Atlases:
A magnificent volume of colored maps, mostly at a scale of 1:6M accompanied by a separate boxed set of commentaries (one for each map sheet) averaging 8,000 words apiece and designed to supplement the atlas.

The best single source of information. Strong emphasis on historical geography. Currently out of print, but new issue proposed.

General Works:
Although much of the book is devoted to Australia and New Zealand, interesting short sections are devoted to the economic geography of the South Pacific islands under their control or that of Great Britain. Chapters on population distribution and growth are especially good.

Systematic and regional studies. Best text available for the Southwest Pacific. Strong on studies of land use patterns and their evolution. Problems and potentialities of the various regions are explored.
Works on Special Subjects:


This volume, first produced for a conference entitled, "Plant and Animal Nutrition in relation to Soil and Climatic Factors," devotes one-third of its pages to physical geography and two-thirds to patterns and problems of agriculture and animal husbandry on the continent. Many maps and photographs.


A report on the revolutionary change in the character of South Island. In less than two centuries man and the troop of plants and animals he brought with him have seriously altered the native flora and fauna. A classic study in historical geography.


An excellent regional account — well written and presented. A standard text in New Zealand.


An excellent type study of the geographic aspects of energy as applied to a region. Contains a wealth of charts, graphs, and maps. Excellent bibliography.


Sections are devoted to the origin, nature, and functional effects of climate. Edited by Garnier with contributions by several specialists.


A historical geography which documents the resolution of the boundary problems between plowed land and grazing land in the colony of South Australia. A study of selected features of the colonization process.


A classic of Australian geography. Strong on physical geography and with a thorough discussion of settlement. Written with a bias to environmental determinism.


A survey of the major agricultural and pastoral activities. Uses the historical approach to develop contemporary patterns. Strong on the use of statistics.

13. PACIFIC ISLANDS

Bibliographies:


The coverage is broader than is implied by the titles and the annotations make this a valuable tool for the geographer.

Serials:

A journal of very high quality focusing chiefly on the Pacific Islands but with some articles on South Asia, Southeast Asia, the Far East and Latin America.

General Works:


Volume 1 covers the epic voyage of the Endeavour while Volume 2 includes the voyages of the Resolution and Adventure. The portfolio of maps and sketches adds another dimension to this classic work.


A text, a handbook and a reference volume; this work is a regional geography of U.S. territories (of that time) and trust territories in the Pacific.

CUMBERLAND, KENNETH B. Southwest Pacific, a Geography of Australia, New Zealand and Their Pacific Island Neighbourhoods. See #1261.


The majority of the essays in this fine publication use examples from the Pacific and they represent ideas from a variety of fields including: Geography, zoology, biology, sociology, anthropology, and economics. Essential reading for any student of the Pacific.


Although much out of date concerning economic geography in this region, the work is a very useful reference for Pacific geography, climate, exploration, history, and economic livelihood in the many island groups. Included are sections on the Asiatic island groups of Japan, the Philippines, and Indonesia, as well as of New Zealand and Australia.

WIENS, HEROLD JACOB. Atoll Environment and Ecology. See #361.

Works on Special Subjects:


An analysis of physical background, agricultural system, crop plants, utilization and preservation of food stuffs, and problems of subsistence agriculture.


A study including physical background, technique of subsistence agriculture, and information on agricultural conditions. Some emphasis is placed on questions of plant migration.


Several excellent papers dealing with prehistoric voyages; plant names as a key to the study of dispersal; origin and migration of the sweet potato; and dispersal of rice to Indonesia.


An excellent field study by a geographer and an anthropologist.
DARWIN, CHARLES R. The Structure and Distribution of Coral Reefs. See #376.

DARWIN, CHARLES R. The Voyage of the Beagle. See #225.

A detailed study of the geography, physical, cultural and economic, of the Fijian group of islands.

An anthropo-historical study of the Caroline Islands of Micronesia, good sections on local history, languages and cultures.

An excellent study by an ecologist who used many of the same methods followed by the plant geographer.

A brief general account of the different ethnic groups in the Pacific, their customs, practices and everyday life up to 1945.

An excellent summary that describes forest types, cultivated plants and weeds, jungle food plants, and problems of plant dispersal and distribution; contains a glossary of plant names.

This volume deals with early trade routes and plant distribution; it analyzes the origins of cultivated plants and their dispersal through the Pacific.

An excellent series of papers and discussions by highly respected plant ecologists and plant geographers.

PRICE, ARCHIBALD GRENFELL. The Western Invasion of the Pacific and Its Continents: a Study of Moving Frontiers and Changing Landscapes, 1513-1918. See #231.

A fresh and detailed re-examination of exploration in the Pacific, arranged by period and by explorer.

Some answers to questions of early Polynesian voyaging and settlement by a recognized specialist.

A description of the north and central Pacific Island realms administered by the U.S.A., includes sections on oceanography, climate, historical-political evolution and present population problems.

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14. THE TROPICS

Bibliographies:


Three volumes of what was to be a five volume set (ended by Professor Bartlett’s demise). This is a prodigious attempt to take extracts dealing with the title from the works of a multitude of men who wrote about this subject. An excellent gleaning from many sources.

Serials:

1294 JOURNAL OF TROPICAL GEOGRAPHY. 1-{(1953-)} Irregular. Singapore: Departments of Geography, University of Singapore and University of Malaya. $2.50 per copy.

Articles covering a wide range of subjects but with Malaysia as the chief area focus. Approximately 10 percent of the papers deal with African or American tropics.

1295 TROPICAL AGRICULTURE (Imperial College of Tropical Agriculture) 1-{(1924-)} Quarterly. London: Butterworths.

A technical journal dealing with virtually all phases of tropical agriculture.

General Works:


Devoted to the vegetation of the humid tropics, savanna and hot deserts. A running commentary only enlarges upon the outstanding feature of the publication - an overwhelming array of photographs (mostly in color) on the natural flora and fauna in the tropics.


Although this book has occasional lapses in accuracy, it is still valuable and competently written. The style is refreshing and enjoyable, and many of the insights into the tropical habitat would be difficult to match in other books.


Excellent maps and photographs add much to this worthwhile text. Although other aspects of the tropics are considered, most of the book is devoted to tropical soils and agriculture - including stock rearing.


A collection of fourteen essays on a wide range of tropical subjects. One-half are concerned with Tropical Africa and the rest are spread over much of the tropics, with special emphasis on India.


Nine essays by eight geographers dealing both with historical and contemporary topics. Major emphasis, represented by five of the nine essays, is on British Africa.


Six separate reports are included, each dealing with problems in a specific region. The topics are: the Amazon region, the Caribbean region, humid areas of South Asia; biological problems in humid Tropical Africa; entomological problems in humid areas of South Asia; water resource problems in the Philippines.
A well-written and scholarly text on the subject indicated. An excellent chapter on human health and efficiency is particularly worthwhile.

A basic handbook, with little elaboration on any included subject, that is divided into four sections: 1. a brief introduction; 2. short sketches of many tropical crops; 3. brief discussions of several pests and diseases affecting tropical agriculture; and 4. livestock rearing, by type (includes poultry). No maps are included.

A technical study of the soils of the tropics. Many fine tables, charts and photographs are included in this book, which discusses soil types and soil creation and their relationship to geology, climate, and vegetation. The text is detailed and well organized.

Eighteen papers dealing with various aspects of the title subjects are included in this well-organized volume. A liberal use of tables and diagrams add much to the worthwhile text.

Some general geography is included in this book devoted primarily to a study of the physical, cultural and social problems involving "white" settlement in the tropics. Although some of the statistical data is obsolete, the book is a good study of ethnic problems in the tropics.

PHILLIPS, JOHN F. V. The Development of Agriculture and Forestry in the Tropics. See #573.

A collection of papers concerned with natural vegetation in the humid tropics. Although the book is general in scope, some attention is given to the vegetational peculiarities of many individual nations and regions.

Twelve papers by leading specialists. Each paper is followed by a summary or discussion of the paper) and a modest bibliography. In both English and French.

The text is divided into three sections: "The Tropical Background," "Agricultural Practice in the Tropics," "Economic Considerations." Attention to detail, good use of photographs, and excellent organization make this a valuable study of the tropics.
A very well organized text with many tables, maps, diagrams, and photographs. Although the book is technical, the vocabulary is carefully explained and thus easily understood. Divisions include crop ecology, crop culture, crop improvement, crop protection, cattle keeping. An excellent introduction to the subject.

15. ARID LANDS

A symposium that reviews the problems and potentials of viable settlement in arid lands with reference to both the improved use of limited water supplies and the progressive adaptation by plants and animals to an arid climatic regime.

Seventy-four academic and professional scientists take a critical look at arid-land settlement and attendant problems in the United States.

POWELL, JOHN W. Report on the lands of the Arid Region of the United States; with a more Detailed Account of the Lands of Utah. See #799.

A collection of papers edited by L. Dudley Stamp; intended to build up a synthesis of the various factors—geological, climatic, biological as well as human—which have determined the history of land use. Several chapters are devoted to the main geographical regions of the arid world.

1314. UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION. ARID ZONE RESEARCH 1-(1953-). Irregular monographs. Paris: UNESCO.
Reports of research, symposia, and conferences. Of special interest are the following:


A review of the uses made by man of soil and water resources in the arid lands, and the needs and current programs for research, education and information.

16. POLAR REGIONS

Bibliographies:

A comprehensive listing, with abstracts, of materials in all languages indexed by topic and by region. Indispensable.

Atlases:

Mapped and charted data since 1900 for 324 stations between Northern Alaska and Western Greenland showing symbolically the number of months of five types of ice cover ("concentration") and of four degrees of difficulty of navigation.


General Works:

   A systematic and regional description of Arctic and Antarctic seas and lands; contains much very recent information.

   A general geographical account of the Antarctic. Short and well written, an excellent introduction to the continent.

   Both a descriptive account of the continent as revealed through the reports of several expeditions and a chronicle of the expeditions themselves.

DYSON, JAMES LINDSAY. The World of Ice. See #379.

   How man, beasts and plants exist under Arctic conditions: A study of Arctic environment, its boundaries, its inhabitants and its history.

   The Polar Region and its role in the Twentieth Century in relation to political and military affairs.

   A comprehensive, systematic treatment by 20 authors. The latest research in the physical and biological sciences is incorporated. Fold map of Antarctic Regions at 1:16M.

   A systematic and regional text prepared by a number of specialists. Covers the physical and human environment.

   The story of the Antarctic as seen through the eyes of Soviet men of science.

   Eighteen very thorough, scientific, and well documented articles on various aspects of the physical environment. Chapters cover topics such as morphology, climatology, oceanography, plant life, fish, birds and human adaptation.

   A classic attempt to destroy the myth of the Arctic as a cold and inhospitable environment.
Works on Special Subjects:

   A story of polar development based largely on Soviet source materials emphasizing the shipping route and the part it played in the opening of northern Siberia.

   Eight essays on Russian exploration and development of the Arctic Ocean in the Russian sector, and of scientific and political activities on the land.

   A study of the development of man and his social and economic patterns in the harsh polar environment.

1331. CANADA. DEPARTMENT OF MINES AND TECHNICAL SURVEYS. GEOGRAPHICAL BRANCH. An Introduction to the Geography of the Canadian Arctic. (Canadian Geography Information Series, No. 2) Ottawa: 1951. 118 pp.
   This volume presents a broad outline of the physical environment of the Canadian Arctic, man's adaptation to the environment, and his utilization of its resources.

   The principal complete description in English of Greenland's demography, history of settling, government, occupations, transport, finance, social and living conditions, and education. One map data through 1952.

   A history of the ships and the men who made journeys through the Northwest Passage.

   Regional physical geography of Arctic Canada described with air photos and accompanying text.

   The most definitive English-language account of Russian and Soviet development in the polar sections of Siberia.

1336. MILLWARD, ROY. Scandinavian Lands. See #950.

   The author uses the words of the explorers themselves to tell the story of the region.

   One of the great classics of Arctic exploration and settlement in the region of the frozen north.

   Oleson's purpose is to examine the explorers, settlers, and hunters from Scandinavia crossed the north Atlantic and formed contacts with the Canadian Arctic.
A story of the Arctic as a geographical laboratory and a military outpost through the eyes of a scientific expedition in 1952.

A series of essays on population by authorities in several fields emphasizing possibilities of colonization of northern Canada.

The routine of life and the collection of scientific information during the Antarctic expedition of 1956.

SØMME, AXEL ed. A Geography of Norden: Denmark, Finland, Iceland, Norway, Sweden. See #959.

SUSLOV, S. P. Physical Geography of Asiatic Russia. See #1038.

A factual account by a group of specialists of the physical and human geography of the region.

A comprehensive study of the island stressing historical development and Greenland's place in world affairs.
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